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Vaughan's Mid-Summer Offer June 1925

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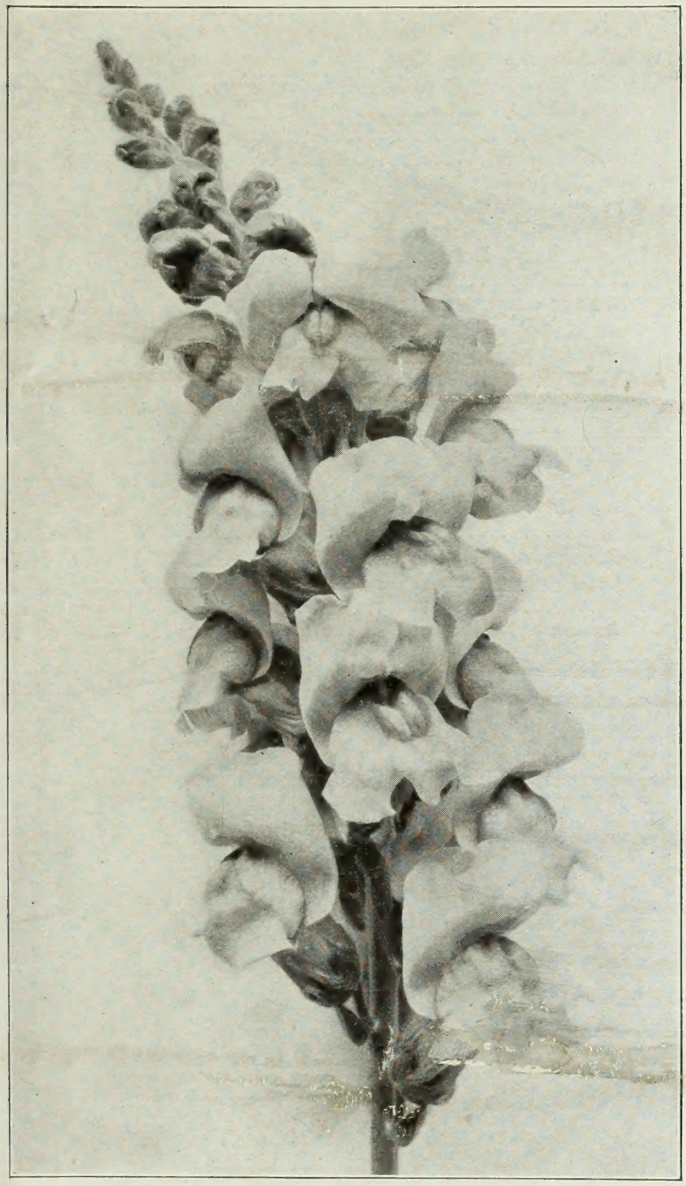
Flower and Vegetable Seeds, Bulbs and Plants

SPECIAL CASH DISCOUNT 10 PER CENT on orders over $2.00 for Flower Seeds, if the cash is enclosed. Except Cyclamen, the prices of which are net and 2 per cent on Asparagus.

This List Cancels All Previous Offers



ANTIRRHINUM

Maximum—Giant Flowered

These produce individual flowers 2 to 2½ inches wide on strong, sturdy stems, each blossom set closely on the stalk.

	Trade pkt.	Oz.
Cerberus. Rosy carmine	$0.25	
Copper King. Copper shades	.50	
Defiance. Scarlet	.25	
Fairy Queen. Terra cotta	.25	$2.00
Gotelind. Pale orange	.25	2.00
Golden Queen. Yellow with rosy lilac throat	.50	
Maralda. Coppery carmine	.25	
Old Gold. Beautiful art shade	.50	
Purple King. Rich velvety purple	.25	
Ruby. Rich velvety ruby red	.25	
Snowflake. White	.25	
The Rose. Soft pink	.50	
Wallflower colors	.50	
Maximum, many kinds, mixed	.25	

ANTIRRHINUM—Continued.

		Trade pkt.	Oz.
Majus Nanum Semi-tall Varieties—			
Amber Queen. Canary yellow overlaid chamois pink	¼ oz., 50c	$0.20	
Bonfire. Orange buff (Defiance)	¼ oz., 40c	.20	
Fascination. Pearly pink self	¼ oz., 30c	.20	
Firebrand. Fiery orange scarlet	¼ oz., 30c	.20	
Golden Queen. Yellow	¼ oz., 25c	.15	$0.80
Grenadier. Orange scarlet, white throat	¼ oz., 30c	.20	1.00
Golden Pink Queen		1.00	
Geneva Pink		2.00	
Helen. Lovely salmon		1.00	
Nelrose. Salmon pink	¼ oz., $1.00	.35	
Orlando. Bronze		1.00	
Philadelphia Pink		1.00	
Prima Donna. Terra cotta pink suffused primrose, excellent for florist's use		.25	
Queen of the North (Phelps white)	¼ oz., 25c	.15	
Rose Dore. Salmon rose	¼ oz., 25c	.15	
Silver Pink, Vaughan's, deep pink self	¼ oz. $1.00	.25	
Vaughan's Special Mixture	¼ oz., 30c	.20	1.00
Majus Tall Varieties—			
Brilliant Scarlet	¼ oz., 20c	.10	.60
Dark Rose. (Coral red)	¼ oz., 20c	.10	.60
Golden King. Yellow	¼ oz., 20c	.10	.60
Harmony. Terra cotta pink, yellow center	¼ oz., 30c	.20	1.00
Queen Victoria. Pure white	¼ oz., 20c	.10	.60
Rose	¼ oz., 20c	.10	.60
Venus. Apple-blossom pink	¼ oz., 20c	.10	.60
Majus Grandiflorum, mixed		.10	.50

CANDYTUFT

Giant Hyacinth-Flowered. Extra Selected, large pure white flowers	lb., $6.00	.15	.50
Umbellata Lilacina. Lilac. Select	lb., $4.00	.10	.40
Carminea. Carmine	lb., $3.20	.10	.30
Flesh		.10	.40
Purpurea. Crimson	lb., $3.20	.10	.30
Rose Cardinal. Very striking color	lb., $5.00	.10	.50

ASPARAGUS PLUMOSUS NANUS

NOTE—Cash discount on all Asparagus is only 2 per cent.

True Flat Leaf Type

New Crop

High Germination

	Per 1000
1,000 lots	**$1.80**
5,000 to 10,000 lots	**1.50**
10,000 to 25,000 lots	**1.40**
25,000 to 50,000 lots	**1.20**
50,000 to 100,000 lots	**1.10**

SPRENGERI

1,000 lots	**.80**
5,000 lots	**.75**
10,000 lots	**.65**
25,000 lots	**.60**

ASPARAGUS Plumosus Nanus

NOTICE—We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions we make this sale, at the moderate prices at which we sell our goods. VAUGHAN'S SEED STORE (Inc.)

Begonias make good pot plants for Christmas Sow seed now.

BEGONIA

	Trade pkt.	Oz.
Gracilis Luminosa. Foliage lustrous reddish brown, flowers fiery dark scarlet... 1/32 oz., $2.00	$0.50	
Mignon. Bright salmon scarlet	.50	
Prima Donna. Large transparent rose flowers, shading to carmine ... 1/32 oz., $2.40	.50	
Semperflorens Alba ... 1/8 oz., 50c	.25	
Atropurpurea Vernon. Red-leaved and red-flowered ... 1/16 oz., 50c	.35	
A. Martin. Large, brilliant crimson scarlet with dark foliage ... 1/32 oz., $1.00	.50	
Cardinal. (Dwarf Vernon.) Each plant is dwarf and compact, foliage reddish brown with red flowers ... 1-64 oz., $1.00	.50	
Fire Sea	.75	
Flame of Love. 1 ft. Dense clusters of brilliant scarlet flowers with shining golden yellow stamens. Foliage bright green tinted brown	.50	
Liegnitzia. New scarlet carmine; a good bedder	.75	
Melanie. White with pink edge	.50	
Erfordia. Rosy carmine flowers ... 1/32 oz., $1.50	.50	
Salmon Queen. Large salmon blooms, dark foliage ... 1/32 oz., $2.40	.50	
Wurttembergia. Blood red ... 1/32 oz., $1.00	.50	
Single Tuberous Rooted. Finest mixed.. 1/32 oz., $2.00	.50	
Single Tuberous Rooted. Frilled ... 1/32 oz., $2.00	.50	
Double Tuberous Rooted. Best mixed.. 1-64 oz., $5.00	1.00	

CALCEOLARIA HYBRIDA

Mixed, extra choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. Price, trade pkt. (about 1,000 seeds), 50c; 3 trade pkts. for $1.40; 1/64 oz., $1.50.

Hybrida Grandiflora Graciosa. A type with very large self colors of a great variety of colors, especially in the yellow shades	.50	
Rugosa Aurea. Golden rain	1.00	
Major, mixed	1.00	

CALENDULA

The Ball. This new Orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass. Trade pkt. of 1/4 oz...	1.00	$3.00
Apricot	.10	.40
Sulphurea Plena. Double sulphur yellow. lb., $6.00	.20	.60
Orange King (Grandiflora fl. pl.). Select, lb., $6.00	.20	.60

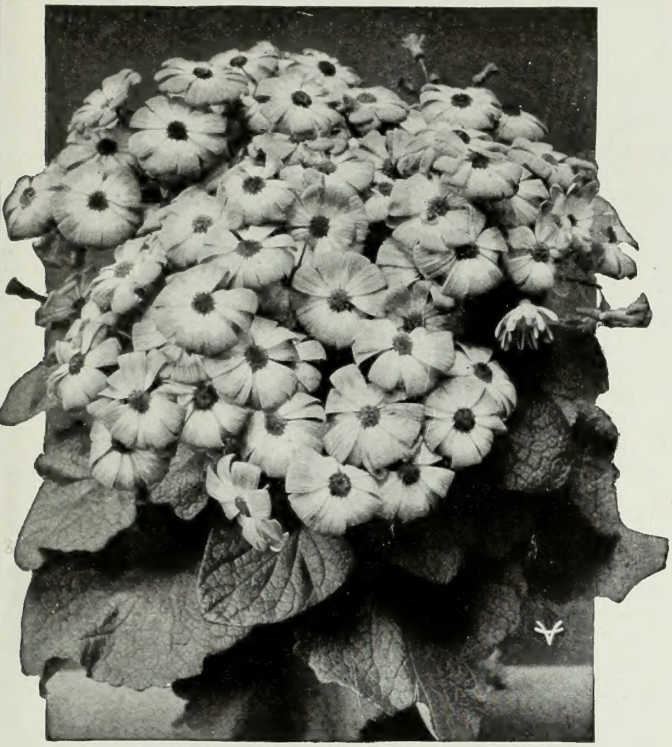
CHINESE FORGET-ME-NOT

Cynoglossum Amabile. A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut flower material. It is a novelty which we especially recommend...	.50	

CENTAUREA CYANUS (Corn Flower)

	Trade pkt.	Oz.
Double Blue. Extra fine ... lb., $4.00	$0.10	$0.40
Pink ... lb., $4.40	.10	.40
Pure White. New	.15	.60
Purple (Plum Color) ... lb., $4.00	.10	.40
Mauve	.10	.40
Mixed (Bachelor Buttons) ... lb., $3.20	.10	.30
Cineraria. See next page.		
Clarkia Elegans. Double extra choice mixed	.15	.60
Appleblossom. Double	.15	.60
Chamois	.15	.60
Delicate Pink	.15	.60
Scarlet Queen. Double brilliant scarlet	.15	.60
Brilliant. Double crimson scarlet	.15	.60
Salmon Queen. Double salmon orange scarlet	.15	.60
Queen Mary. Rose carmine	.15	.60
White Prince	.15	.60
Vaughan's Special Mixture	.15	.60
Dracaena Indivisa Lineata	.15	.60
Indivisa. Narrow green leaves ... lb., $4.00	.10	.40
Latifolia	.15	.80
Australis. Green and red colored leaves	.15	.80
Freesia—Refracta Alba ... lb., $4.00	.10	.40
Rainbow Hybrids. The new colored Freesias. ... lb., $10.00	.25	1.00
Gypsophila Elegans (Angel's Breath) white ... lb., $1.00	.05	.15
Rosea ... lb., $2.00	.10	.20
Grandiflora Alba. Fine for cutting ... 1/4 lb., 45c; lb., $1.60		.15
Carminea. Carmine ... lb., $2.80	.10	.25

CALENDULA, THE BALL—Special Florist Strain



TYPE OF VAUGHAN'S COLUMBIAN CINERARIA

CINERARIA HYBRIDA

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.
Trade pkt. (500 seeds), 50c; $\frac{1}{32}$ oz., $3.50; $\frac{1}{16}$ oz., $6.00.

Giant Flowered Salmon, new. Trade pkt. (1,000 seeds), $1.00.

Covent Garden Strain. The flowers of this new strain are much smaller than those of our Columbian Mixture, but the plants produce a large head of bloom when grown in small pots. There are many beautiful shades of color. We recommend these for a trial. Trade pkt. (1000 seeds), $1.00.

Hybrida Multiflora Nana. A new race of Cineraria, producing dwarf plants with masses of small flowers, measuring about ¾ in. diameter in compact heads over small and dainty foliage. The flowers are all self-colored, embracing shades of light and dark pink, light and dark blue, red and violet. Trade pkt., $1.00.

		Trade pkt.	Oz.
Large-Flowering White, Crimson, Azure Blue, Blood-Red, Dark Blue	Each per trade pkt. (500 seeds)		$0.50
Matador. Brilliant scarlet. Trade pkt., 500 seeds		.50	
Old Rose. Pink to rich coppery red....500 seeds		.50	
James' Giant mixed. A choice English strain. $\frac{1}{32}$ oz., $2.50 .....500 seeds		.50	
Grandiflora, Semi-Dwarf. Mixed .....$\frac{1}{32}$ oz., $2.00; 500 seeds		.50	

Gigantea. Dark red, with white; 500 seeds, $1.00. Dark blue with white, 500 seeds, $1.00.

Star Cineraria (Cineraria Hybrida Stellata Polyantha). Fine, small flowering varieties, for cutting and decorative purposes..... 50

ISOLOMA

Hirsutum Multiflorum Hybridum. The large leaves are of a rich dark green; the reverse of them, as well as the flower stalks are covered with bright red hair. The flowers are white, orange, yellow and scarlet. Trade pkt., $1.00.

Annual Larkspur, see next page.

CYCLAMEN

NOTE—Cash discount on cyclamen seed is only 2%.

Giant English Grown

Pink Pearl. Lovely pale salmon pink. 100 seeds, $1.60; 1000 seeds, $14.00.

Brilliant Giganteum. Very robust grower. Fiery crimson flowers. 100 seeds, $1.60; 1000 seeds, $14.00.

Cherry Ripe. Nearly scarlet. 100 seeds, $1.60; 1000 seeds $15.00.

Prices—any of the following—100 seeds, $1.40; 1000 seeds $12.00.

Saint George. Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color.

Crimson Saint George. Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson.

Mrs. L. M. Graves. The color is an intense and brilliant salmon-scarlet.

Phoenix. Light red.

Queen Mary. Salmon with claret base.

Rosy Morn. Delicate rose color. Claret base.

Grandiflorum Album. The largest giant white.

Excelsior. White with red base. Extra large flowers.

Duke of Fife. Dark rose.

Princess of Wales. Deep pink.

Princess May. Pale pink.

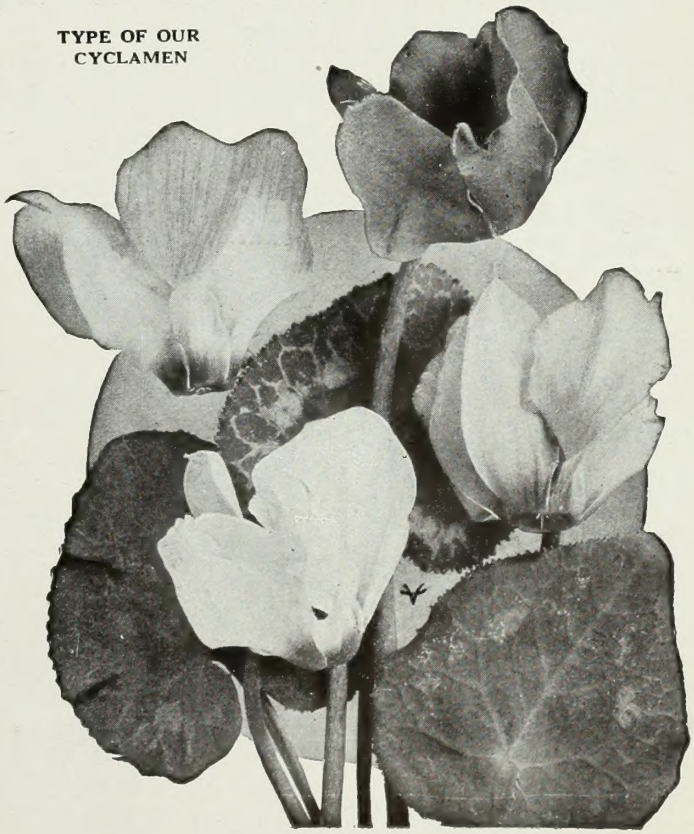
Salmon King. Salmon.

Vulcan. Deepest blood red.

English Varieties, Mixed. From separate sorts. 100 seeds $1.20; 1000 seeds, $10.00.

Persicum Giganteum—German Type	100 Seeds	1000 Seeds
Roseum Magnificum. Rose pink.....	$1.20	$10.00
Glory of Wandsbek (Pearl of Zehlendorf). Dark salmon	1.50	12.00
Rose von Wandsbek (Rose of Zehlendorf). Light salmon	1.50	12.00
Salmon Scarlet. A favorite in the Chicago trade.	1.60	14.00
Rose of Marienthal. Delicate pink.....	1.00	8.00
Pure White. Very large.....	1.00	8.00
White with Pink Eye. Very large and fine.....	1.00	8.00
Salmon Rose Improved. New color.....	2.00	18.00
Glowing Dark Red (Christmas red).....	1.00	8.00

TYPE OF OUR CYCLAMEN



GLOXINIA, Vaughan's Columbian Mixture

GLOXINIA HYBRIDA

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1000 seeds), 50c; 3 Trade pkts. for $1.40; 1/32 oz., $2.00.

ANNUAL LARKSPUR

		Trade pkt.	Oz.
Stock-Flowered, Newport Pink	lb., $6.00	$0.15	$0.60
Exquisite Pink. New extra choice		.20	1.00
White	lb., $5.00	.10	.50
Bright Rose	lb., $5.00	.10	.50
Flesh Lilac Dark Blue Sky Blue Each of the above	lb., $5.00	.10	.50
Mixed	lb., $3.60	.10	.40

ANNUAL LUPINUS

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

		Trade pkt.	Oz.
Hartwegi. Dark Blue. Oxford Blue	lb., $3.20	$0.10	$0.30
Light Blue. Cambridge Blue	lb., $3.60	.10	.40
Roseus	lb., $3.20	.10	.30
Albus	lb., $3.20	.10	.30
Annual Yellow. Takes well on the Chicago market	lb., $3.60	.10	.30

MIGNONETTE

TRUE MACHET. Vaughan's Selected Stock. The seed we offer, produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalk. Finest in every way for florists' use and for pots	¼ oz., 20c	$0.10	$0.60
VAUGHAN'S GIANT ROCKET. The largest and most robust variety. The flowers are wonderfully fragrant and produced in great abundance. 14 to 16 inches long	¼ oz., 50c	.25	1.60
NEW YORK MARKET. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse-grown, raised by a most careful grower. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment	⅛ oz., $1.00	.50	7.00

MYOSOTIS OBLONGATA Blue Bird

For Winter Flowering, sow in May or June. Plant seedlings in an open border, and when ready lift and pot them about September or October. Keep in a cool greenhouse during Winter. Trade Pkt. 50c; 1/32 oz., $1.00.

For items not listed see our Spring Book for Florists.

ANNUALS FOR FALL SOWING

Few know many of our prettiest and best known annuals may be sown in the fall, in fact some varieties, like the annual Larkspur, are much better, treated in this way. The principle is the one nature uses. Seed dropped from parent plants will lay dormant in the soil until early in the spring when it germinates and begins a root system long before one can get in the ground to sow seed. Consequently the flowering season is prolonged by the earlier blooming. Ground should be prepared and seed sown just previous to the late heavy frost—early in November.

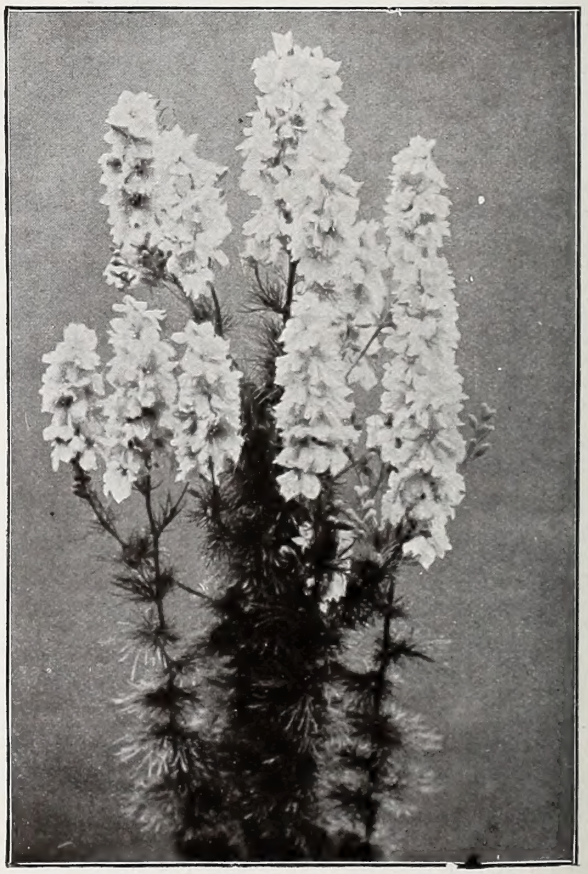
Below is a partial list which may be sown successfully in fall:

Alyssum	Cosmos	Nemophila
Antirrhinum	Escholtzia	Nigella
Brachycome	Hunnemannia	Poppy
Calendula	Larkspur (Annual)	Sweet Peas
Calliopsis	Lavender Lace Flower (Didiscus)	Virginia Stocks
Candytuft		Viscaria
Centaurea	Matthiola	

PRIMULA—Chinese Giant

Trade Pkt. of any of the following, 250 seeds, 50c each,; 3 for $1.40.

Covent Garden. White.
Chiswick Red. Improved red.
Queen Alexandra. The largest giant white.
Giant Pink. Extremely large petals of great substance.
Giant Salmon. Massive heads of flowers of great substance.
Giant Emperor. Terra-cotta shade.
King George. Beautifully fringed crimson.
Crimson King. Deep, rich crimson, with dark brown eye.
Ruby Queen. Fiery, intense scarlet, with bright yellow eye.
Queen Mary. Rose pink. **True Blue.**
Giant Mixed. Includes this year a number of new shades.
Vaughan's International Mixture. This mixture is composed of the most salable colors of single flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. Trade pkt. of 250 seeds, 50c; 3 for $1.40; 1/16 oz., $5.00.



ANNUAL LARKSPUR, Stock Flowered

GIANT PANSIES

INTERNATIONAL

Vaughan's International Pansy Mixture. It is composed of all the separate colors of the Giant varieties as well as special strains of Bugnot, Masterpiece, Triumph of the Giants, and other special mixtures of the most noted Pansy growers. We feel sure that a better, more complete mixture is not to be had anywhere or at any price and confidently recommend it to our customers whose trade demands a superior article and who take pride in supplying something better than can ordinarily be had. Trade pkt., 50c; ⅛ oz., $1.25; ½ oz., $4.00; oz., $8.00.

GIANT MIXTURE

Embraces all the separate shades and colors, five special strains not listed elsewhere, and which can only be had in this and our International Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau and the splendid Cassier strain. Trade pkt., 50c; ⅛ oz., 75c; oz., $5.00; ¼ lb., $18.00.

NEW EARLY FLOWERING GIANT PANSIES (Hiemalis)

This new strain produces its giant flowers about four weeks earlier than other known types. In March, when the old type pansies hardly show any buds the plants of the new strain bore from 3 to 5 of their giant flowers.

Yellow, with dark eye.
Dark Blue.
Light Blue.
Ice King, white with black eye.
Jupiter, dark purple violet.
Mars, cornflower-blue.
North Pole, pure white.
Helios, pure yellow.
Wodan, black.

Each of the above. Trade pkt., 25c; ¼ oz., 50c; oz., $1.60

Early Flowering Giant, Mixed. Trade pkt., 25c; ¼ oz., 40c; oz., $1.40.

VAUGHAN'S CUT FLOWER MIXTURE

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of flowers. Trade pkt., 25c; ⅛ oz., 60c; oz., $4.00.

VAUGHAN'S P. P. (Popular Price) PANSY MIXTURE

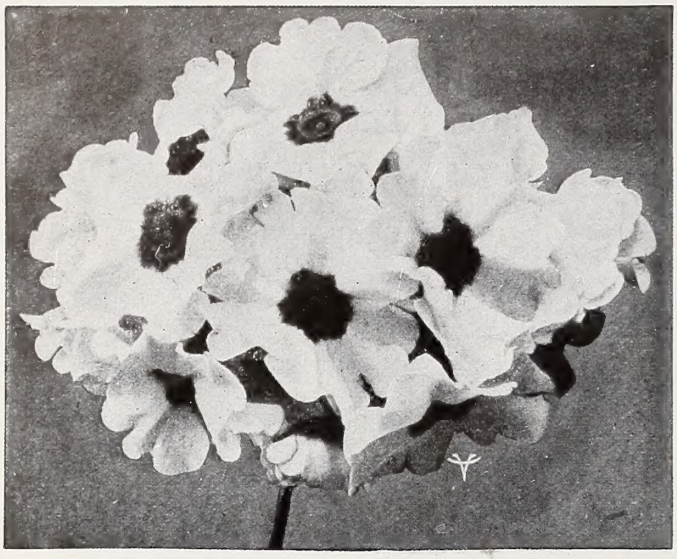
This mixture, like all "Vaughan" mixtures, is made up by ourselves from separate colors and strains of the Giant and Chicago Parks Bedding types and will furnish a large variety of colors with a good proportion of giant flowers. Trade pkt., 25c; ¼ oz., 70c; oz., $2.40; lb., $28.00.

CHICAGO PARKS BEDDING MIXTURE

This is a mixture made by ourselves. While the flowers of this strain do not grow as large as those of the Giant Pansies, they excel them by a much greater number of flowers to a plant. Trade pkt., 15c; oz., $1.00; lb., $12.00.

	Trade pkt.	¼ oz.	Oz.
Adonis, light blue white center	$0.25	$0.50	$1.80
Auricula Colors, metallic shades	.25	.50	1.80
Aurora, pure white without blotches	.25	.45	1.60
Azure Blue	.25	.50	1.60
Beaconsfield, light lavender and rich purple	.25	.45	1.60
Black, large, true black	.25	.45	1.60
Bridesmaid, shades of white, shining rose	.25	.65	2.40
Bugnot, shades of red, bronze and cardinal	.35	.80	3.00
Boulogne, Giant Mixture. The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5 blotched, delicately veined, rich colors	1.00	6.50	24.00
Cardinal, brilliant red	.35	.65	2.40
Cassier, 3 and 5-spotted ⅛ oz., 40c	.25	...	2.60
Cecily, flowers steel blue with white border and small dark central spots	.35	.60	2.40
Comet, porcelain-white, lower petals with light blue rays	.35	.60	2.40
Diana, cream color	.25	...	...
Emperor Francis Joseph, white, violet spots	.35	.65	2.60
Emperor William, dark navy blue	.25	.45	1.60
Eros. Purple, yellow border ⅛ oz., 40c	.25	...	...
Fiery Faces, red with black blotches	.25	.45	1.60
Freya, violet purple, silver edged	.25	.60	2.00
Golden Queen, clear golden-yellow	.25	.45	1.60
Goliath Golden Queen	.25	.65	2.40
Indigo King, Indigo blue	.25	.50	1.80
Lavender	.25	...	...
Light Blue	.25	.50	1.60
Madame Perret, shades of pink and rose	.25	.50	1.80
Mauve Queen	.25	.50	1.80
Mercury, deep purple red	.25	.60	2.20

	Trade pkt.	¼ oz.	Oz.
Masterpiece—Giant Curled or Spencer. The colors are superb, mostly red and brown shades	$0.35	$0.80	$3.00
Blue Domino, purplish black top, petals light blue	.50	.65	4.00
Canary Yellow, yellow black eye	.50	...	...
Dark Blood Red, blotched and frilled	.50	...	...
Volcano, dark red, blotched ⅛ oz., 45c	.25	...	3.00
Orchid-Flowered, mixed, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge	.25	.60	2.00
Orchid Flowered Mammoth, greenish yellow shades, with large purple blotches	.25	.60	2.00
Parisian Striped	.25	.50	1.80
Paris Market, an improved strain of Trimardeau mixed	.25	.40	1.40
Pheasant's Eye, sky-blue edged, violet	.25	.50	1.80
Pink, lovely shades of pink, same as Hydrangea	.25	.60	2.00
President Carnot, five blotched white	.25	.65	2.40
President McKinley, five blotched yellow	.25	.65	2.40
Pretiosa, dark purple on white ground	.25	.65	2.60
Prince Bismarck, bronze and light brown	.25	.45	1.60
Prince Henry, darkest blue	.25	.50	1.60
Purple, very large, rich deep purple	.25	.45	1.60
Purple King	.25	.55	2.00
Ruby Red, purplish red shades	.25	.60	2.00
Siegfried, wallflower color, five spotted	.25	.50	1.80
Striped, mahogany striped and flaked white	.25	.50	1.60
Trimardeau, mixed, many colors Lb., $14.00	.15	.35	1.20
Victoria, vivid red	.25	.50	1.80
Violet Blue, a very pleasing shade	.25	.50	1.60
White, with dark eye, very large	.25	.45	1.60
Yellow, with dark eye, immense flowers	.25	.45	1.60



PRIMULA—Obconica Grandiflora

PRIMULA OBCONICA

We call special attention to our superior (G. Arends) strains of Primula obconica. They have no superior—they are perfect as to type, size of flowers and trueness and color. We do not know of a strain that equals it and our customers can be sure of getting "the best there is" in P. obconica.

Each of the following Trade Packet of about 1000 seeds, 50c.

GRANDIFLORA Appleblossom, light pink. 1-64 oz., $1.50.
Alba. White, 1-64 oz., $1.50.
Coerulea. Sky-blue.
Fire Queen. Brilliant salmon-carmine, very free blooming, medium size flower.
Crimson. Brilliant dark carmine red.
Rosea. 1-64 oz., $1.50.
Hamburger Rose. A shade or two darker than the preceding. 1-64 oz., $1.50.
Salmonea. Salmon color.
Magnifica. Large clusters of undulated flowers in white and soft pink. 1-64 oz., $1.65.
Mixed, the above and others. 1/32 oz., $1.00.

GIGANTEA Appleblossom, beautiful soft pink. 1-64 oz., $2.00.
Rosea. Clear rose. 1-64 oz., $1.65.
Salmon Queen.
Mixed, the above and others. 1/32 oz., $2.00.
Mueller's Red } One each for $2.50.
Mohnstein's Red } Per trade packet, $1.50.

PRIMULA—Various Sorts

		Trade pkt.	Oz.
Malacoides. An improved Forbesi, 1/16 oz., $1.00		$0.50	
Alba		.50	
Rosea Superba	1/16 oz., $1.00	.50	
Forbesi (Baby Primrose)		.50	
Eureka Salmon Pink. The variety which we now offer is similar in habit and foliage to the Primula Eureka, his parent, but carries flowers of a most beautiful shade of salmon pink, well above the foliage, on long, stiff stems. Per pkt. (1,000 seeds)		1.00	
Kewensis. Yellow		.50	
Veris, see Hardy Perennials.			
Smilax	lb., $4.80	.10	$0.40
Schizanthus Grandiflorus Selected Hybrids. Superior in form and range of color to other Hybrids. Invaluable for cutting and for conservatory or room decoration. Sprays in bud when cut and placed in water will open their flowers and remain in bloom for several weeks. 1/16 oz., $1.00. Per pkt. (500 seeds)		.50	
Senecio Elegans Double Lilac. A splendid cut flower, good keeper.			
Elegans fl. pl. Red.			
Elegans fl. pl. White.			
Each of the above		.35	2.00

STOCKS

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.

Pure White — Gold Ball — Lavender (Queen of Belgians)
Fiery Blood Red — Chamois — Lilac

		Trade pkt.	Oz.
Each of the above	1/8 oz., 50c	$0.25	$3.00
Flesh	1/8 oz., 50c	.35	
Rose	1/8 oz., 50c	.35	
Giant Bismarck, mixed, all colors	1/4 oz., 60c	.25	2.20

GIANT PERFECTION—Cut and Come Again

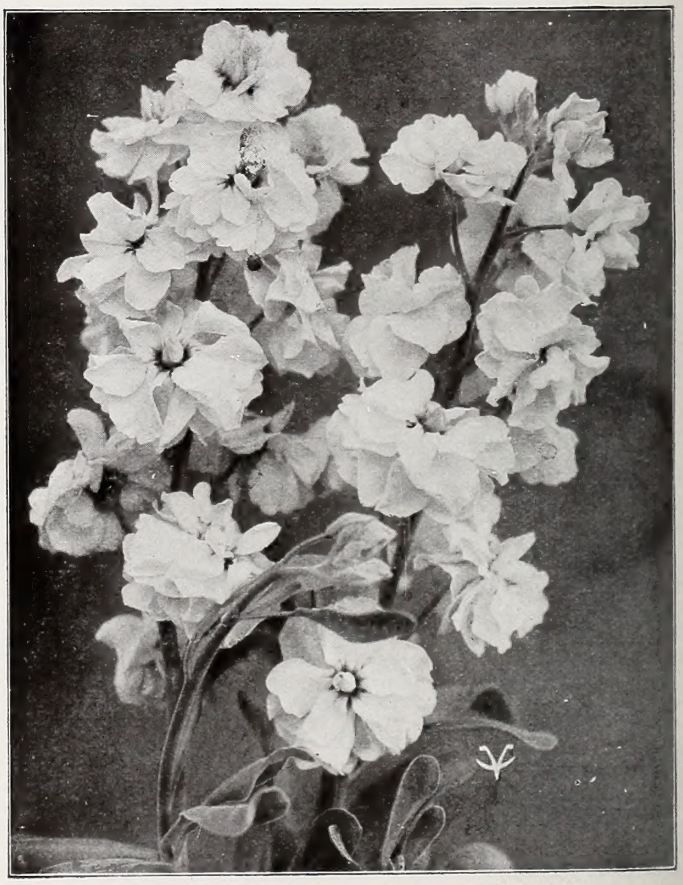
Sapphire (Dark Blue) — Canary Yellow — LaFrance (Flesh)
White (Princess Alice) — Scarlet — Sky Blue (May Queen)
Silvery Lilac — Rose

		Trade pkt.	Oz.
Each of the above	1/8 oz., 35c	$0.25	$2.20
Heatham Beauty. Rose shaded terra cotta, 1/8 oz., 40c		.25	2.60
Snowdrift. New early pure white	1/4 oz., $1.00	.50	
Giant Perfection. Mixed, all colors	1/4 oz., 50c	.25	1.80

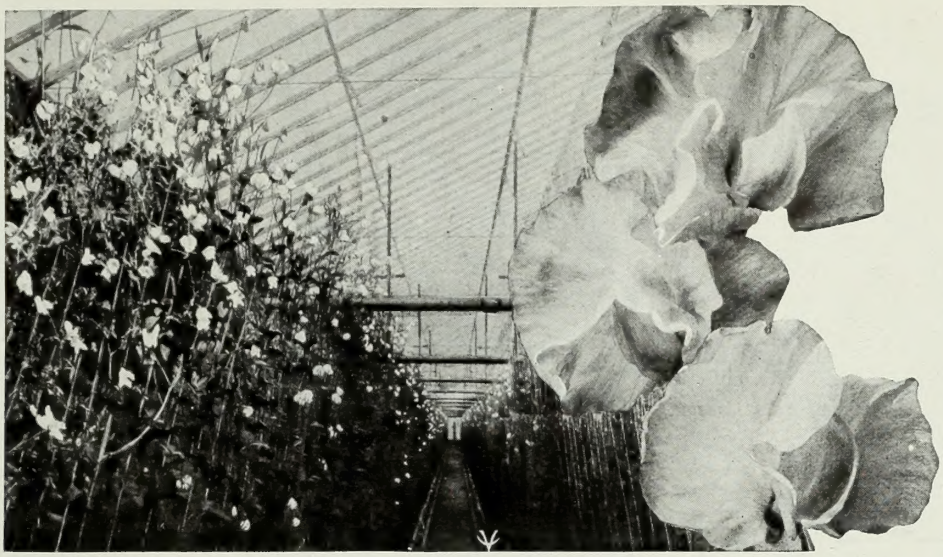
BEAUTY OF NICE—Early, Large-Flowering, Winter

		Trade pkt.	Oz.
Pink	1/4 oz., 60c	$0.25	$2.00
Aurora. Golden buff suffused with rose.	1/8 oz., 35c	.25	2.40
Mont Blanc. White	1/4 oz., 60c	.25	2.40
Souv. de Monaco. Crimson	1/8 oz., 35c	.25	2.40
Empress Augusta Victoria. Silvery lilac.	1/8 oz., 35c	.25	2.60
*Belle of Naples. Old rose salmon	1/8 oz., 35c	.25	2.40
Summer Night. Dark blue	1/8 oz., 35c	.25	2.40
Cote d'Azure. Light blue	1/8 oz., 35c	.25	2.40
Monte Carlo. Yellow	1/8 oz., 35c	.25	
Beauty of Nice. Mixed, all colors	1/4 oz., 50c	.25	1.80

*Mr. Koch, head florist of Garfield Park, Chicago, considers the most attractive color in this type.



BISMARCK STOCKS



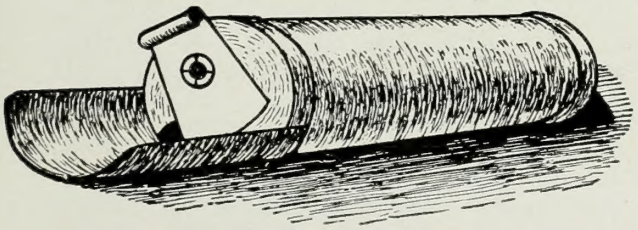
Sweet Peas

Early Flowering—Spencer Varieties

4 ozs. and upward supplied at pound rate.
Less than 4 ozs. at oz. rate.

	Oz.	Lb.
All-White. An early King White and the best white seeded up to date	$0.40	$4.80
Amethyst. An early-flowering "Royal Purple"	.40	4.40
Apricot Orchid. A delightful and charming shade	.40	4.40
Asta Ohn. Lavender	.40	4.40
Aviator. Scarlet	.40	4.40
Blanche Ferry. Pink and white	.40	4.40
Blue Bird. A magnificent violet-blue	.40	4.40
Blue Sensation. A new blue	.60	7.00
Columbia. The best and most productive pink and white	.40	5.00
Cream. It has immense blossoms, very frilled	.40	4.40
Eldorado. Pure orange salmon. An improved Mrs. Kerr	..	....
Enchantress. Bright rose pink	.40	4.80
Fair Maid. A blush pink, suffused salmon, on a white ground	.40	4.40
Fire King. Orange-scarlet	.40	4.40
Glitters. Standard bright fiery orange, wings deep orange	.40	4.40
Flamingo		
Gorgeous. Salmon-rose	.40	4.80
Grenadier. A glowing poppy scarlet, the most brilliant of all	.50	6.00
Harmony. Lavender	.50	6.00
Heather Belle. Mauve	.30	4.00
Hercules. Pink, extra large flower	.40	4.40
Irene. An early Lavender, Geo. Herbert, a very fine bluish lavender, without mauve	.40	5.00
Lavender King. Lavender	.40	4.80
Liberty. A very good early red	.40	4.40
Madonna. Best black-seeded white to date. Unlike other black-seeded varieties, it has no shade of pink	.40	5.00
Melody. Rose-pink; a great producer	$0.40	$4.40
Morning Star. Orange-scarlet	.40	4.40
Miss Louise Gude. Brilliant pink	.40	5.00
Mrs. Chas. A. Zvolanek. Clear lavender	.40	4.40
Mrs. A. A. Skaach. Flowers bright shell pink	.40	4.40
Mrs. M. Spanolin. Black-seeded white	.40	4.40
Mrs. W. G. Harding. Pale lavender	.65	8.00
Mrs. Kerr. Salmon	.65	8.00
Princess. Lavender	.40	4.40
Rose Queen. Rose-pink	.40	4.40
Songster. Lavender	.40	4.40
Spring Maid. Light pink on cream ground	.40	4.40
Snowflake. White	.40	4.40
Snowstorm Improved. A vigorous grower, flowers large, of great substance and are borne in fours on long stems	.40	4.40
Starlight. Clear lavender blue	.80	10.00
The Beauty. Fiery dark rose	.40	4.80
Torch. Salmon-rose	.40	4.40
Warbler. Rich mauve-purple	.30	4.00
White Orchid. White flowers of good substance	.30	4.00
Yarrawa. Rose, changing light pink, standard tinted buff	.40	4.40
Zvolanek's Blue. Bright blue	.40	4.40
Zvolanek's Rose. A giant rose-pink; the best of its color to sow for spring blooming, to follow the mums. A great favorite for the Chicago market	.50	6.00
Zvolanek's Orange	.40	5.00
Mixed Early-Flowering Spencers. Many kinds	.30	3.00
Early Flowering Spencer, Vaughan's Special Mixture	.50	6.00

The Economical Seeder



A handy little tool which will be found useful and economical in sowing all fine seeds. It is made of zinc and measures 4¾ inches over all.

The instrument is small enough to be held in the palm of the hand and the amount of seed is controlled by a simple action of the thumb operating a slide regulating the flow of the seed. It has a capacity of one ounce of aster seed and more or less of other seed according to size. It is especially recommended for sowing finer flower seeds such as begonia, calceolaria, cineraria, by florists, and all the smaller vegetable and flower seeds in the garden.

Each, 50c

ACHILLEA—The Pearl

AQUILEGIA—(Columbine)

ANCHUSA—Dropmore Var.

SEEDS OF BIENNIALS AND HARDY PERENNIALS

Many of the biennials and perennials are now as important to florists as Asters, Sweet Peas, Verbenas, etc., are among the annuals. Some can be forced, such as Delphinium, Canterbury Bells, etc., while many others sell as readily as Geraniums if grown in pots, not to speak of the cut-flower sorts, such as Coreopsis, Gypsophila, Chrysanthemum, Shasta Daisy, Physostegia, etc. They are really needed in every florist's establishment that caters to the better-class of trade. The demand for them is increasing.

		Trade pkt.	Oz.
Acanthus Latifolius. Very ornamental	lb., $4.00	$0.10	$0.40
Mollis. Fine foliage	lb., $4.00	.10	.40
Achillea Ptarmica fl. pl., The Pearl (Double White Yarrow). A fine white cut flower; blooms all summer	⅛ oz., $1.00	.50	6.00
Filipendula, Parker's var. Yellow		.50	3.00
Aconitum (Monk's Hood) Fisherii. Blue		.35	2.00
Napellus. Dark blue		.35	1.80
Wilsonii. Blue, tall, large		.50	2.80
Adlumia Cirrhosa (Allegheny Vine). Pink		.35	
Adonis Vernalis. Bright yellow		.20	1.00
Agathea Coelestis (Blue Daisy)	¼ oz., 45c	.25	1.60
Agrostemma Coronaria. Mixed		.10	.30
Coronaria. Dark blood red		.10	.30
Flos Jovis. Pink		.10	.30
Akebia Quinata	lb., $4.00	.10	.40
Alstromeria Aurantiaca. Flowers orange, streaked red		.50	
Pulchella (Saint Martin's Flower)			
Alyssum Saxatile Compactum. Yellow	lb., $6.00	.10	.60
Argenteum		.10	.40
Ampelopsis Veitchii (Boston or Japan Ivy). Clean seed	lb., $3.00	.10	.30
Anchusa Capensis. Blue	lb., $4.00	.10	.40
Italica, Dropmore variety. Dark blue	lb., $10.00	.15	.80
Anemone Sylvestris. White		.35	
Coronaria. Mixed		.35	2.00
St. Brigid's Hybrids. Best prize winning Irish strain	⅛ oz., $1.00	.50	6.50
Pulsatilla. Violet lilac		.25	1.20
Rubra		.35	1.80
Anthemis Tinctoria (Golden Marguerite)		.25	1.20
Kelwayi. Yellow		.25	1.00

		Trade pkt.	Oz.
Antigonon Leptopus. Rose	lb., $5.00	$0.10	$0.50
Aquilegia Canadensis. Scarlet and yellow		.25	1.40
Chrysantha (Golden Columbine)	¼ oz., 60c	.35	2.00
Grandiflora Alba. White	¼ oz., 85c	.35	3.00
Fl. Pleno. Double		.50	3.00
Coerulea, Rocky Mountain Columbine		.35	1.80
Rose Queen. Pink shades	⅛ oz., 60c	.50	4.00
Nivea Grandiflora. Large white		.25	1.00
Skinneri. Scarlet tipped green	¼ oz., $1.25	.50	4.00
Vulgaris Alba Plena. Double white		.25	1.40
Single mixed	lb., $6.00	.15	.60
Long Spurred, Mrs. Scott Elliot's strain	⅛ oz., $1.00	.50	
Long Spurred varieties		.35	2.00
Blue shades	⅛ oz., 75c	.50	5.00
Rose and Scarlet shades, new		.50	
Double mixed	lb., $7.00	.15	.60
Vaughan's Special Mixture	¼ oz., $1.00	.50	3.60
Arabis Alpina (Alpine Rock-Cress), white, sweet scented		.10	.60
Aristolochia Sipho (Dutchman's Pipe), large leaved	100 seeds, 30c; 1,000 seeds, $2.50		
Tomentosa, small leaved	lb., $8.00	.20	.80
Armeria Maritima (Cushion Pink). Purple		.50	3.00
Alpina		.35	
Formosa Hybrids		.25	1.40
Laucheana		.50	
Arundo Donax, Ornamental Grass		.10	.60
Donax Fol. Var		.10	.70
Asclepias Tuberosa. Orange		.35	1.80
Asparagus Verticillatus. Hardy Asparagus		.25	1.00
Asphodelus Luteus. Fragrant yellow flowers		.15	.80
Asperula Odorata (Waldmeister)		.15	.80
Aster, Perennial Mixed (Michaelmas Daisy)		.25	1.00

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

COREOPSIS—Lanceolata

DAISY—Shasta Alaska

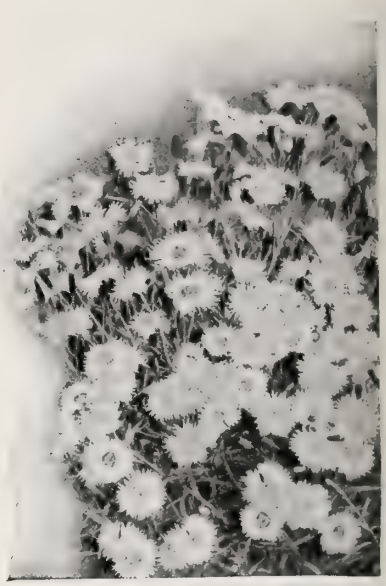
CAMPANULA—Medium (Canterbury Bell)

	Trade pkt.	Oz.
Auricula. Extra choice mixed		
Baptisia Australis. Light blue	$0.25	$1.40
Bellis or Double Daisy, Vaughan's Mammoth Mixture ⅛ oz., 40c	.25	2.40
Vaughan's Mammoth. White ⅛ oz., 50c	.35	3.00
Vaughan's Mammoth. Pink ⅛ oz., 50c	.35	3.00
Double Extra Choice. Mixed ⅛ oz., 35c	.25	2.00
Longfellow. Dark pink ⅛ oz., 35c	.25	2.40
Snowball. Double white ⅛ oz., 35c	.25	2.40
Double red ⅛ oz., 75c	.35	
Double Rosy White. Quilled ⅛ oz., $1.00	.50	
Monstrosa Double Pink ⅛ oz., 50c	.35	3.20
Double White ⅛ oz., 50c	.35	3.20
Mixed ⅛ oz., 45c	.35	3.00
Bidens Dahlioides. Mixed	.35	1.80
Bignonia Radicans, Trumpet Vine	.15	.60
Bocconia Japonica (Plume Poppy) fine foliage plant	10	.50
Boltonia Asteroides. White	.35	
Latisquama. Pink	.35	1.40
Buddleia Variabilis Veitchiana	.25	1.00
Buphthalmium Cordifolium	.25	
Salicifolium	.15	.90
Callirhoe Involucrata. Poppy Mallow Rosy crimson	.20	
Campanula Carpatica (Hare Bell) blue ¼ oz., 50c	.25	1.40
Carpatica Alba. White ¼ oz., 50c	.25	1.40
Mixed ¼ oz., 40c	.25	
Lactiflora Coerulea	.35	2.00
Alba. White	.35	
Latifolia Macrantha. Blue. Large-flowered	.25	1.00
Medium (Canterbury Bell), s'gle mixed, lb., $3.00	.10	.40
Single White, Blue or Pink each	.10	.50
Double mixed	.20	1.00
Double Blue, Rose and White each	.20	1.20
Double and Single mixed	.15	.80
Calycanthema (Cup-and-Saucer), choice mixed	.20	1.00
Pink, Blue or White each	.30	1.60
Persicifolia Alba. White, excellent cut flowers	.35	3.00
Coerulea. Blue ¼ oz., 85c	.35	3.00
Mixed ¼ oz., 75c	.35	2.40
Pyramidalis. Blue ¼ oz., 35c	.25	1.00
Alba. White ¼ oz., 35c	.25	1.00
Mixed ¼ oz., 35c	.25	
Rotundifolia. One of the prettiest. Slender stems of the pale blue bell shaped flowers	.35	
Trachelium, blue, 4 ft. blooms in June	.25	1.00
Perennial Varieties. Mixed	.25	1.60

	Trade pkt.	Oz.
Candytuft Sempervirens (Hardy Candytuft), White	$0.35	$2.40
Queen of Italy. An exceedingly free-flowering, dwarf, compact variety with almost evergreen foliage; may be grown as annual or biennial; highly valuable for cutting purposes	.15	.60
Gibraltarica. Large flowers, lilac, shading to white	.20	1.00
Carduus Marianus (Scotch Thistle)	.10	.30
Carnation, Vienna Dwarf. Mixed ¼ oz., 30c	.20	1.00
Vienna Dwarf. White ¼ oz., 50c	.35	1.80
Pink ¼ oz., 50c	.35	1.80
Grenadin Red ¼ oz., 40c	.25	1.40
White ¼ oz., 50c	.35	1.80
Pink ¼ oz., 60c	.35	
Velvety Brown ¼ oz., 60c	.35	
Mixed ¼ oz., 50c	.35	1.60
Cassia Marylandica. Yellow	.20	1.00
Catananche Coerulea. Fine cut flower	.15	.60
Coerulea Flore Albo	.15	.60
Centaurea Montana, violet blue lb., $10.00	.20	.80
Montana, White	.35	1.80
Dealbata. Large rose globular flowers	.25	1.40
Macrocephala. Yellow	.20	1.00
Centranthus Ruber. See Valeriana.		
Cerastium Tomentosum (Snow in Summer)	.25	1.20
Cheiranthus Allioni. Bright yellow	.15	.60
Kewensis	.50	
Chelone Barbata, Hybrids. Mixed, varying from flesh color, pink to dark red and violet	.10	.40
Coccinea Scarlet	.15	.80
Torreyi	.15	.80
Chrysanthemum Maximum (Ox-Eye Daisy) lb., $5.00	.10	.40
Maximum, King Edward VII. Robust lb., $6.00	.15	.50
Laciniatum. Comet Marguerite	.15	.80
Market Favorite. A splendid cut flower variety	.35	1.80
Leucanthemum (Spring Marguerite)	.20	1.00
Mrs. C. Lothian Bell	.25	1.00
Cineraria Maritima Candidissima	.10	.30
Maritima Diamond. Leaves pure white	.10	.40
Clematis Paniculata. White lb., $3.20	.10	.30
Recta. Splendid cut flower	.15	.60
Coreopsis Lanceolata Grandiflora. Golden yellow lb., $3.20	.10	.25

GYPSOPHILA—Paniculata Flore Pleno

DELPHINIUM—Gold Medal Hybrids



DIANTHUS—Plumarius

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

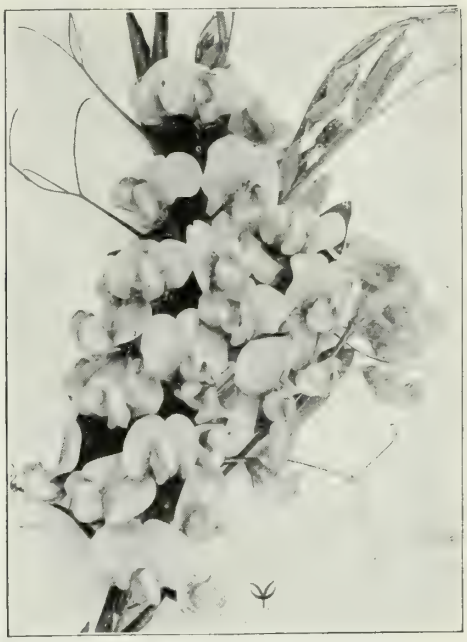
	Trade pkt.	Oz.
Crucianella Stylosa. Bright crimson, dwarf	$0.15	$0.60
Daisy—See also Bellis.		
Shasta, Alaska ..... lb., $24.00; ¼ oz., 50c	.35	1.80
Delphinium (Larkspur) Cardinale. Brilliant scarlet	.50	3.00
Elatum Hybridum. Double Hybrids. Mixed	.35	1.60
Indigo Blue. Splendid color, comes true from seed	.50	3.00
Belladonna. Light blue ..... lb., $28.00	.40	2.00
Bellamosum. Dark blue ..... lb., $32.00	.50	2.40
Butterfly Blue	.15	.80
Lavender	.20	1.00
White	.20	1.00
Formosum. Blue, 3 ft.	.35	2.00
Chinese. Blue. Fine cut-flower ..... lb., $8.00	.20	.80
Azure Fairy	.25	1.20
White	.20	.80
Mixed ..... lb., $8.00	.15	.70
Summer Cloud. Beautiful pure white. Comes true from seed ..... ⅛ oz., $1.80	.50	
Nudicaule. Scarlet ..... ¼ oz., 90c	.50	3.00
Zalil, sulphureum ..... ⅛ oz., $1.25	.50	
Vaughan's Gold Medal Hybrids. An extra choice strain ..... lb., $12.00	.25	1.00
Vaughan's XXX Hybrids. A superior strain	.35	1.80
Vaughan's Special Perennial Mixture, all varieties	.50	3.20
Dianthus Allwoodi. 100 seeds, $1.25; 1000 seeds, $10.00		
Dianthus Barbatus (Sweet William).		
Albus. White	.10	.50
Atro-sanguineus. Blood-red	.10	.40
Nigrescens. Black	.10	.50
Roseus. Pink	.10	.40
Mutabilis, Harlequin striped	.10	.50
Coppery Red	.20	1.00
Scarlet Beauty	.20	1.00
Pink Beauty (Newport Pink)	.20	1.00
Turkey red	.25	1.25
Diadematus. Rose sprinkled white	.15	.80
Johnson's Giant. A choice mixture	.15	.80
Single Mixed ..... lb., $3.60	.10	.40

Dianthus Barbatus—Continued.	Trade pkt.	Oz.
Single Giant Flowered, mixed	$0.15	$0.60
Single Nanus, Dwarf Mixed	.10	40
Albus pl. Double white	.15	.80
Double Blood-Red	.20	1.00
Double Pink, Roseus fl. pl.	.20	1.00
Double Mixed ..... lb., $6.00	.15	.60
Double Giant Flowered, mixed ..... lb., $16.00	.25	1.20
Vaughan's Special Mixture. Double and Single	.35	1.40
Barbatus X Chinensis. Blooms first year	.15	.60
Dianthus Plumarius (Pheasant's Eye). Single mixed ..... lb., $4.00	.10	.40
Plumarius Double. Fine mixed ..... ¼ oz., 40c	.25	1.40
Cyclops. Best single	.15	.80
Cyclops Red Hybrids	.35	1.80
Cyclops Double Mixed	.50	
Semperflorens. Mixed	.20	1.00
Diadematus. Rose sprinkled white	.20	1.00
Albus Plenus. Double white ..... ⅛ oz., 75c	.50	
Nanus fl. pl. Double Early Flowering, mixed	.25	1.80
Mrs. Sinkins Improved double pure white	.50	
Vaughan's Special Mixture ..... ¼ oz., 60c	.35	2.00
Dianthus Deltoides ..... ⅛ oz., 75c	.35	
Dianthus Caesius. Dense tufts of glaucous blue foliage and large rose colored flowers in great profusion. A very pretty alpine ..... ⅛ oz., 75c	.50	
Dianthus Miss Gladys Cranfield. Single rose pink with a velvety crimson eye	.50	
Dianthus Latifolius Atrococcineus pl. A beautiful outdoor pink, of deep crimson color, semi to full double flowers, borne on stout stem 15 to 18 inches high; flowering continuously in great profusion all summer	.15	.80
Dianthus Dentosus Hybrids. Lilac and red	.35	1.40
Digitalis Grandiflora (Golden Foxglove)	.20	1.00
Canariensis	.35	
Gloxiniaeflora. Mixed ..... lb., $4.80	.10	.50
White, Pink, Purple, each	.15	.60
The Shirley (new). Magnificent strain, enormous flowers, pure white to deepest rose	.35	1.80
Maculata Iveryana. Spotted	.15	.60

GAILLARDIA—Grandiflora

Try Forget-me-not Blue Bird. It is a splendid new variety.

HOLLYHOCK—Double Mixed



LATHYRUS—Latifolius (Perennial Pea)

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

	Trade pkt.	Oz.
Digitalis—Continued.		
Purpurea	$0.10	$0.40
Mixed ... lb., $4.00	.10	.40
Montrosa. Mixed	.15	.80
Vaughan's Special Mixture	.15	.80
Echinacea Hybrida (Cone Flower)	.50	2.40
Purpurea. Purple Cone Flower	.25	1.40
Echinops Ritro. Blue; fine	.10	.40
Sphaerocephalus. Light blue	.10	.40
Edelweiss Leontopodium alpina		
Erianthus Ravennae (Pampas Grass)	.15	.80
Erigeron Grandiflora Elatior. Bluish lilac	.35	1.40
Hybridus Grandiflorus	.30	1.40
Eryngium Amethystinum. Large blue flowers	.50	
Alpinum. Dark blue	.35	
Planum. Azure blue	.15	.60
Eulalia Japonica	.15	.80
Japonica Zebrina	.15	.80
Eupatorium Ageratoides. Fine cut-flower; fall bloomer	.20	1.00
Purpureum	.20	1.00
Forget-Me-Not (Myosotis) Alpestris. Blue	.10	.60
Alpestris. White	.10	.60
Rosea. Pink	.15	.80
Eliza Fonrobert. True	.15	.80
Victoria. Sky-blue ... ¼ oz., 40c	.25	1.20
Indigo Blue. (Royal Blue)	.15	.80
Pink Bouquet (new). Very fine for bedding and pots. Be sure and try this novelty... ¼ oz., 40c	.25	
Indigo Blue Bouquet	.35	
Dissitiflora. Rich blue, early ... ⅛ oz., 50c	.35	
Palustris. True ... ¼ oz., 60c	.35	2.00
Semperflorens ... ¼ oz., 60c	.35	2.00
Vaughan's Early and Late-Flowering.. ¼ oz., 40c	.25	1.40
Oblongata, Blue Bird, new ... 1/32 oz., $1.00	.50	
Hybrida. Star of Love. Very free-flowering...	.50	
Ruth Fisher		
Gaillardia Grandiflora. Mixed ... lb., $6.00	.10	.50
Grandiflora Compacta. Mixed	.15	.80
New Varieties Mixed	.20	1.00
Semi-plena	15	.80
Stand holder, new, giant flowered	.35	2.00
Maxima Kermesina Splendens	.15	.80
Sulphurea Oculata (Sulphur Queen)	.20	1.00

	Trade pkt.	Oz
Gentiana Acaulis. Dark blue	$0.50	
Lutea. Yellow	.35	
Geum Atro-sanguineum fl. pl. Double scarlet	.35	$1.60
Coccineum, Mrs. Bradshaw (New) ... ¼ oz., 50c	.35	1.80
Heldreichi. Large orange	.35	
Lady Stratheden. Double buttercup yellow	.50	
Golden Rod, Solidago Canadensis	.20	1.00
Gymnothrix Latifolia. Perennial grass	.10	.60
Gypsophila Paniculata. White ... lb., $4.80	.10	.40
Paniculata Fl. Pl. (30 to 40% true).. ⅛ oz., $1.50	.50	10.00
Hedisarum Coronarium Red Honeysuckle	.10	.30
Helenium Autumnale Superbum. Light yellow	.35	2.00
Bigelowi. Yellow	.50	
Hoopesi. Yellow	.20	1.00
Riverton Gem. Wallflower red	.35	1.40
Riverton Beauty. Lemon yellow	.35	1.40
Helianthemum Mutabile. Sun or Rock roses	.10	.40
Helianthus Maximilianii. Early-flowering	.35	
Angustifolius. Autumn Glory. Yellow, free blooming. Good cut flower	.25	1.20
Perennial Varieties. Mixed	.35	
Heliopsis Pitcheriana (Orange Sunflower)	.20	1.00
Scabra Zinniaeflora	.25	1.20
Helleborus Niger (Christmas Rose)	.35	1.60
Hesperis Matronalis. Purple ... lb., $4.20	.10	.40
Matronalis Alba ... lb., $4.20	.10	.40
Heuchera Sanguinea. Coral red ... ⅛ oz., $1.00	.50	
Brizoides	.50	
Sanguinea Splendens. Dark red ... ⅛ oz., $1.20	.50	
Hibiscus. Crimson Eye ... lb., $5.00	.10	.40
Giant Yellow or Golden Bowl	.15	.60
Moscheutos Roseus	.10	.50
Mallow Marvels, mixed ... lb., $4.00	.10	.40
Mallow Marvels, red	.15	
Hollyhocks. Double Maroon, Yellow, Pink, Deep Rose, Crimson, Dr. Faust, Salmon, Apple-blossom, Blood Red.		
Each of the above ... ¼ oz., 35c	.20	1.20
Newport Pink, Double White, each... ¼ oz., 40c	.25	1.40
Chater's Prize. Double Mixed ... lb., $14.00	.20	1.00
Single Black, Flesh, Pink, Red, White, Rose, Yellow or Salmon, each ... ¼ oz., 40c	.25	1.40
Single mixed ... lb., $5.00	.10	.50
Allegheny. Mammoth flowering, mixed. lb., $9.00	.15	.80
Alameda Pink. Wonderful new pink	.40	2.00
Everblooming Single Hybrids ... lb., $5.00	.10	.50
Double and Single Hybrids, mixed... lb., $8.00	.15	.80

LUPINUS

POPPY—Oriental

PHYSOSTEGIA—Virginica

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

	Trade pkt.	Oz.
Hyacinthus Candicans. White yucca-like flowers	$0.15	$0.60
Iberis. See Candytuft.		
Incarvillea Delavayii (Hardy Gloxinia) rose	.50	2.40
Grandiflora. Orange		
Iris Kaempferi, Japanese Iris ... lb., $6.00	.10	.50
Larkspur (Perennial). See Delphinium.		
Lathyrus Latifolius (Perennial Pea).		
Latifolius. White		
Red ... lb., $8.00	.20	.80
Pink Beauty ... lb., $8.00	.20	.80
Mixed ... lb., $8.00	.20	.80
White Pearl ... lb., $12.00	.25	1.00
Liatris Spicata. Bluish rose		
Scariosa	.25	1.00
Pychnostachia. Kansas Gay Feather		
Lilium Regale ... 100 seeds, 25c; 1,000 seeds, $1.75; 5,000 seeds, $7.50; 10,000 seeds, $14.00		
Linaria Cymbalaria (Kenilworth Ivy). Pink	.35	2.40
Linum Perenne (Perennial Flax). Blue, 2 feet	.10	.40
Perenne fl. albo. White	.10	.40
Mixed	.10	.40
Flavum. Yellow		
Lobelia Cardinalis (Cardinal Flower) ... ¼ oz., $1.20	.50	
Lunaria Biennis Alba (Honesty or Peters Pence)	.20	1.00
Biennis. Crimson	.15	.80
Lupinus Polyphyllus Roseus ... lb., $10.00	.20	.80
Polyphyllus Albus. White ... lb., $4.80	.10	.40
Atro-coeruleus. Dark blue ... lb., $3.20	.10	.30
Moerheimi. Pink and white	.25	1.40
Mixed ... lb., $3.00	.10	.30
Harkness Regale Mixture	.40	1.80
Lychnis Chalcedonica (Lamp Flower). Scarlet	.10	.40
Chalcedonica Alba. White	.15	.60
Alpina. Rose ... ⅛ oz., 85c	.50	
Arkwrightii. New. A cross between Chalceondica and Haageana. 2 to 3 feet. Rich, effective colors ... ¼ oz., 60c	.25	2.00
Fulgens	.50	
Flos Cuculi	.25	1.80
Haageana. Scarlet	.50	2.80
Atrosanguinea	.50	
Hybrids	.35	1.80
Nana. Dwarf	.50	
Sieboldi. Large white flowers		
Viscaria Splendens. Rose	.15	.70
Lythrum Roseum Superbum (Rose Loosestrife)	.10	.50
Malva Moschata—Rose	.10	.50

	Trade pkt	Oz.
Matricaria Capensis fl. pl. White ... lb., $4.00	$0.10	$0.40
Capensis Alba Plenissima. Best white	.15	.50
Golden Ball. Yellow	.25	1.40
Monarda Hybrida, mixed	.25	1.40
Fistulosa		
Myosotis. See Forget-Me-Not.		
Oenothera Fraseri. Deep yellow	.50	3.60
Macrocarpa. Dwarf. Yellow	.50	3.60
Youngei. Large yellow bloom	.35	2.00
Papaver (Poppy) Bracteatum. Scarlet ... lb., $9.00	.20	.80
Nudicaule (Iceland). Mixed	.20	1.00
Yellow, Orange and White, each	.25	1.20
New Hybrids ... ¼ oz., 50c	.35	1.60
Double Mixed	.35	1.80
Orientale (Oriental Poppy). Scarlet ... lb., $9.00	.15	.80
Hybrids. New varieties, mixed ... lb., $12.00	.20	1.00
Princess Victoria Louise. Soft salmon rose ... ¼ oz., 75c	.50	2.80
Mrs. Perry. Apricot orange	.50	
Pentstemon Gentianoides Grandiflora. Large-flowering var. in splendid mixture ... ⅛ oz., 40c	.35	2.80
Sensation ... ⅛ oz., 60c	.35	
Southgate Gem	.50	
Pubescens. Lilac	.25	
Pulchellus Hybridus	.15	.80
Digitalis. Flesh colored	.15	.80
Phlox Decussata. Perennial varieties mixed	.50	3.00
Physalis Franchetti (Chinese Lantern Plant). Large orange balloon-shaped seed-pods ... lb., $10.00	.15	.80
Physostegia Virginica (Speciosa). Pink, ¼ oz., 40c	.25	1.40
Virginica Alba. Fine cut-flower ... ¼ oz., 50c	.25	1.60
Gigantea. New ... ¼ oz., 50c	.25	1.80
Platycodon Mariesi. Dwarf blue ... ¼ oz., 70c	.35	
Mariesi Alba ... ¼ oz., 60c	.35	2.00
Grandiflorum. Blue ... ¼ oz., 40c	.20	1.30
Album ... ¼ oz., 75c	.35	
Mixed. Single ... ¼ oz., 60c	.25	
Polemonium Coeruleum. Blue	.10	.40
Coeruleum Album. White	.10	.40
Potentilla Formosa. Cherry rose ... ¼ oz., 60c	.25	
Nepalensis, Miss Willmott	.50	
Single mixed	.20	1.00
Double mixed	.50	
Rupestris	.15	.70
Poppy. See Papaver.		

SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued

RUDBECKIA—Purpurea

STATICE—Latifolia

PYRETHRUM—Roseum

	Trade pkt.	Oz.
Primula Japonica. Special strain.....¼ oz., 75c	$0.25	
Sieboldii (Cortusoides amoena grandiflora).....	.50	
Veris (Polyanthus). Fine mixed.....¼ oz., $1.00	.35	
Grandiflora. An extra choice strain. ⅛ oz., $1.00	.50	
Lutea. Yellow	.50	
Moerheimi Hybrids. New extra choice (about 1,000 seeds)	1.00	
Vulgaris (Acaulis). Yellow Primrose, ⅛ oz., $1.20	.50	
Pueraria Thunbergiana (Kudzu Vine)....lb., $4.00	.10	$0.40
Pyrethrum Roseum. Single mixed.....	.25	1.60
Roseum Hyb. Grandiflorum, mixed....¼ oz., 75c	.35	2.40
White, Rose, Flesh and Dark Red each..... .....¼ oz., 75c	.35	2.60
Roseum Hybridum. Double mixed....⅛ oz., 70c	.50	5.00
Uliginosum. Fall bloomer; tall, white; splendid cut flower	.35	
Ranunculus Asiaticus Superbus .....lb., $6.00	.15	.50
Rehmannia Angulata. Rose and red shades..... ..... ⅛ oz., 80c	.50	
Romneya Coulteri (California Giant Poppy).....	.35	1.80
Rudbeckia Newmannii. Vivid yellow, a long bloomer	.35	1.80
Purpurea (Echinacea)	.25	1.40
Grandiflora .....¼ oz., 50c	.35	1.80
Fulgida. Yellow.....	.20	1.00
Hirta (Black-Eyed Susan).....	.25	1.60
Salvia Argentea. (Silver-leaved Sage).....	.10	.40
Patens. Sky-Blue .....⅛ oz., $1.00	.50	7.20
Pratensis. Dark Blue.....	.25	
Azurea Grandiflora	.50	
Saponaria Ocymoides Splendens. Clouds of pink flowers	.15	.60
Scabiosa Caucasica. Lavender.....	.50	3.60
Caucasica Alba. White	.50	
Perfecta	.50	4.00
Japonica. Lilac	.10	.50
Sidalcea Rose Queen. Flower spikes 5 to 6 ft.....	.35	1.80
Silene (Orientalis). Dark rose.....	.10	.40
Schafta. Rose .....¼ oz., 65c	.35	
Silphium Laciniatum	.20	1.00
Stachys Lanata. Silver leaves.....	.10	.40
Statice Latifolia. Blue. Fine for winter bouquets	.20	1.00
Caspia	.35	2.00
Perezii. Violet blue.....	.50	2.00
Stipa Pennata (Feather Grass).....	.20	1.00
Stokesia Cyanea (Stokes' Aster). Blue.....	.25	1.00
Cyanea Alba		
Mixed	.25	1.00

	Trade pkt.	Oz.
Sweet William. See Dianthus Barbatus.		
Thalictrum Aquilegifolium (Meadow Rue)..... .....⅛ oz., 40c	$0.25	
Adiantifolum	.25	$1.80
Dipterocarpum. Rosy purple; very fine.....	.50	3.20
Flavum. Yellow flowers	.15	.80
Glaucum. Yellow	.15	.80
Thermopsis Caroliniana. A fine yellow perennial..	.25	1.40
Tritoma Uvaria Grandiflora (Red Hot Poker Plant)	.25	1.40
Hybrida Mirabilis, blooms the first year.....	.25	1.40
Tunica Saxifraga. White Alpine.....	.20	.90
Uniola Latifolia. A very decorative hardy grass, may be used with everlasting flowers in bouquets	.15	.60
Valeriana Alba (Garden Heliotrope).....	.10	.60
Rubra (Coccinea)	.10	.60
Veronica Spicata. Mixed	.35	1.40
Spicata Dwarf Blue.....	.35	1.40
Longifolia		
Perennial Species. Mixed.....¼ oz., 50c	.35	
Viola Cornuta, Papilio. Blue and white..¼ oz., 50c	.25	1.80
Cornuta Thuringia. Dark blue white eye..... ..... ¼ oz., 75c	.35	
Vaughan's Improved Scotch. Blotched hybrids ..... ¼ oz., 50c	.35	
White Perfection .....¼ oz., 50c	.35	
Lutea Splendens. Golden yellow....¼ oz., 50c	.25	1.80
Blue Perfection .....¼ oz., 60c	.25	2.00
Mauve Queen .....⅛ oz., 70c	.25	2.40
Admiration. Large dark blue.....¼ oz., 50c	.25	1.80
Black Prince .....¼ oz., 60c	.35	
Rosea .....⅛ oz., 60c	.35	
Mixed	.25	1.20
Wahlenbergia. See Platycodon.		
Wallflower. Double Tall Branching. Mixed.....	.25	2.00
Single mixed.....	.10	.40
Kewensis. Borne on numerous slender stalks, the black-brown buds open into flowers of a delicate sulphur shade, which passes to orange-yellow or purple violet. It flowers in 5 or 6 months after sowing and is of a very long blooming nature. If sown in July it blooms from November until spring.....	.50	
Parisian Forcing, mixed.....	.10	.50
Wistaria Chinensis. Blue.....lb., $2.00	.10	.20
Chinensis Alba	.10	.40
Yucca Filamentosa (Adam's Needle).....	.10	.40

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

The figures preceding the varieties are the rating given to them by the American Iris Society, 10 being the highest rating used in the judging.

New and Choice Varieties

		Each	10	100
9.4	**Ambassador.** Late. An almost regal flower that should have a great future. "S" fascinating smoky purple; "F" velvety purple maroon, orange bearded	$1.35	....	....
9.2	**Asia.** 45 inches. "S" pale silvery lavender deepening at the base to golden-yellow. "Pale reddish purple, lighter at the edges. Base of standards are heavily reticulated, beard, bright golden-yellow. Stems strong and vigorous, bearing large flowers of unusual substance and form	4.00		
9.4	**Ballerine.** Early. "S" light violet-blue; "F" deeper. Very fragrant. Single blooms often five inches long. Wide rounded standards waved at the edges	2.50	....	....
8.3	**Benbow.** "S" and "F" deep violet-blue; large blooms on tall, erect, well developed stems	.75	....	....
	Cecil Minturn. 24 inches. "S" and "F" a uniform soft shade of cattleya-rose. A beautiful flower, dome shaped, with broad ruffled petals	1.50	....	....
	Chasseur. 36 inches. This is no doubt the finest yellow iris of European origin. Very fine large flowers of deep yellow, becoming lighter with age	4.00	....	....
8.6	**Cluny.** "S" soft lilac-blue; "F" a little darker. A new, free-flowering Pallida variety	.80	$7.00	....
8.7	**Crusader.** "S" light blue; "F" deep violet-blue, with orange beard. Splendid color and form	.80	7.00	....
8.3	**Dejazet.** Late. "S" bronze-rose with golden sheen; "F" reddish-violet, the whole beautifully blended. Large broad flower	.75	6.00	....
9.4	**Dominion.** A wonderful Iris in a catagory of its own, and the forerunner of a new race on account of the extraordinary development of the fall. "S" Dauphin's blue or light bluish-violet, large, erectly held, well developed and slightly veined, "F" of exceptional substance expanding at the base to a deep rich indigo-purple velvet. Slight veining at throat; conspicuous orange beard; broad blue-green foliage	10.00		
8.6	**Edouard Michel.** Late. "S" and "F" unusual shade of intense reddish-purple	.75	6.00	$40.00
8.5	**Grevin.** Late. "S" violet with yellow shading; "F" dark violet with bright yellow veining	1.00	....	....
8.3	**La Neige.** Late. "S" and "F" a pure glistening waxy white. The falls are carried stiffly horizontal. Does not multiply rapidly	.50	4.00	30.00
9.6	**Lent A. Williamson.** Early. "S" very broad, soft campanula violet; "F" very large velvety royal purple. Brilliant gold beard. Massive in growth, stalk and flower. Always dependable	.85	7.50	....
9.1	**Lord of June.** "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris. Very bold and vigorous habit	1.00	....	....
9.1	**Magnifica.** Midseason. "S" light violet-blue; "F" dark reddish-purple. A fine strong plant with branching stems. Flowers extraordinarily large, 6 inches long and sweet scented. True strong growing kind	2.00	....	....
8.5	**Medrano.** Early. "S" and "F" a beautiful dark smoky claret color. Very unusual effect, large flowers	1.50	....	....
8.5	**Moliere.** Early. "S" dark violet; "F" darker violet veined brown at haft. Yellow beard	1.50	....	....
	Mrs. Walter Brewster. "S" lavender-blue; "F" aniline-blue. Often six blooms at the same time	2.00	....	....
8.1	**Neptune.** 38 inches. "S" bright pale blue; "F" rich dark purple. Flowers very large, borne on tall branching stems; very choice. Midseason	.75	7.00	....
8.7	**Opera.** Early. "S" bright reddish-lilac; "F" deep velvety purple-lilac. Beard yellow	1.00	8.50	....
	Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Heavily marked with brown at the haft. Deep orange beard. Strong grower. Flowers very large and of fine shape	1.50	10.00	....
9.0	**Queen Caterina.** Pale lavender-violet, with orange beard; white haft, veined with bronze. A strong grower and hardy where Caterina fails	.80	....	....
8.1	**Raffet.** Flowers uniform dark blue, the falls being striped at base with white; beard yellow. A fine late variety	1.00	....	....
8.3	**Seminole.** "S" soft violet-rose; "F" rich velvety crimson; brilliant orange beard	1.00	....	....
9.3	**Souv. de Mme. Gaudichau.** "S" Bradley's violet; "F" brilliant black-purple. A wonderful color and splendid flower and plant. Millet's best variety	2.50	....	....
	The Inca. "S" clear deep saffron-yellow; "F" velvety dark plum-edged golden band through center; golden reticulations at base	.70	6.50	....
	Trianon. "S" yellow; "F" yellow with bluish reflections. Color delicate and new. A vigorous grower and very floriferous	1.25	10.00	....
8.4	**W. J. Fryer.** "S" large bright yellow; "F" large deep maroon with narrow yellow border; center shaded violet	1.25	....	....
8.9	**Alcazar.** "S" violet with bronze sheen; "F" rich crimson with lighter veins. A very rich and striking flower. Similar to Lent A. Williamson	.40	3.00	20.00
7.8	**Amas. (Marchranta).** "S" rich blue; "F" violet	.25	2.20	20.00
8.3	**Archeveque (Archbishop).** "S" Deep velvety violet with purple "F"	.25	2.00	15.00
6.6	**Candelabra.** "S" silvery-mauve and "F" purple 1,000, $60.00	....	1.00	8.00
7.5	**Caprice.** "S" reddish-purple; "F" deeper purple	....	$ .85	$ 6.00
7.1	**Celeste.** Beautiful sky-blue, very fine	....	.75	5.00
7.5	**Dalmarius.** "S" pale gray-blue; "F" darker and shaded violet brown; free bloomer, increases rapidly	....	1.00	6.00
7.6	**Dorothea.** "S" mauve, deeper in center; "F" soft blue with orange veinings	....	.70	5.00
7.8	**Eldorado.** "S" bronze, shaded yellow; "F" violet-purple touched with bronze-yellow 1,000, $70.00	....	1.00	8.00
8.0	**Fairy.** Beautiful white with blue border and veins	....	1.25	10.00
7.6	**Florentina Alba.** This is a good early white, very sweet	....	.75	5.00
6.5	**Gertrude.** Deep violet-blue. Very fragrant	....	.85	5.00
7.3	**Her Majesty.** "S" soft rose; "F" deeper rose, heavily veined	....	1.25	10.00
8.5	**Isoline.** "S" lilac-pink; "F" purplish old rose. A splendid flower and deliciously scented 1,000, $100.00	....	1.50	12.00
7.8	**Jeanne d' Arc.** Clear lilac and white. 1,000, $70.00	....	1.00	8.00
8.1	**Juniata.** Clear blue, deeper than Pallida Dalmatica. One of the tallest; flowers large and fragrant	....	2.00	10.00
7.9	**King of Iris.** "S" lemon-yellow; "F" rich crimson bordered with gold; a very desirable variety; tall, with large flowers	....	2.00	12.00
7.8	**Kochi Atro-purpurea.** "S" Purple-lilac "F" velvety black. A very striking dark flower. Sometimes called Black Prince	....	1.00	6.00
	L'Avenir. A beautiful shade of satin blue 1,000, $25.00	....	.50	3.00
8.2	**Lohengrin.** Large handsome silvery-mauve flowers	....	1.25	8.00
	Loie Fuller. Clear pumpkin-yellow with a greenish sheen in the fall. Claimed by some to be identical with Aurea. In our opinion this is one of the best clear yellow Iris	$0.25	2.00	15.00
7.9	**Loreley.** "S" Light yellow; "F" Ultramarine-blue 1,000, $30.00	....	.50	4.00
6.1	**Maori King.** "S" golden-yellow; "F" velvety maroon 1,000, $40.00	....	1.00	6.00
7.8	**Mary Garden.** "S" pale yellow, flushed lavender; "F" creamy white, tinted and veined maroon	....	2.00	15.00
7.4	**Mme. Chereau.** Pure white, with a broad and irregular border of clear blue, and are borne on strong upright stems that are often from two to three feet tall	....	.75	4.00
	Mme. Pacquette. "S" and "F" bright rosy-claret	....	1.00	8.00
8.4	**Monsignor.** "S" blush lavender; "F" violet with white pencilings at throat	....	.65	5.00
6.8	**Mrs. H. Darwin.** "S" clear waxy white; "F" white, violet veins 1,000, $40.00	....	.65	5.00
7.8	**Oriflamme.** "S" Light blue; "F" rich violet-purple. Immense handsome flowers	.35	3.00	25.00
8.8	**Pallida Dalmatica.** One of the most beautiful of all these Irises. Perfectly hardy, strong grower and very free-flowering. Exquisite shades of lavender-blue	....	1.50	12.00
8.1	**Parc De Neuilly.** Deep violet-blue. Lighter and larger than Kochi	....	2.00	15.00
7.9	**Parisiana.** "S" white, heavily dotted and shaded lilac; "F" white, frilled lilac at edge	....	1.25	10.00
7.2	**Princess Victoria Louise.** "S" immense sulphur-yellow; "F" plum color, shaded primrose	....	1.00	8.00
8.3	**Prosper Laugier.** Midseason. "S" fiery bronze; "F" velvety ruby-purple, like a pansy bloom. Hardiest and freest blooming sort	....	1.50	12.00
8.4	**Quaker Lady.** "S" smoky lavender, shaded yellow; "F" ageratum-blue and old-gold	....	2.00	15.00
	Queen Emma. "S" and "F" pure white faintly flushed blue; long tapering standards and very long falls; possessing a pleasing fragrance	....	.85	6.00
7.4	**Queen of May.** "S" lilac-pink; "F" lilac blended with white; distinct 1,000, $40.00	....	.85	6.00
8.4	**Rhein Nixe.** "S" white, very large; "F" rich violet-purple, narrow white edge 1,000, $60.00	....	1.50	10.00
7.6	**Sherwin Wright.** Early. "S" and "F" splendid golden-yellow without shading or markings. Multiplies rapidly; is most satisfactory	....	1.50	10.00
7.6	**Stormcloud.** (Nuce d'Orage). Very large flowers of grayish slate-blue with bronze shading; "F" purplish-blue. Very fine 1,000, $50.00	....	1.00	6.00
7.4	**Tamerlane.** "S" pale violet; "F" deep purple. A new and splendid variety	.25	1.50	10.00
6.3	**Trautlieb.** "S" and "F" lovely uniform soft deep rose	....	1.25	10.00
6.0	**Twilight (Crepuscule).** "S" and "F" delicate violet-purple, quite devoid of markings	....	2.20	18.00
8.0	**Violacea Grandiflora.** "S" and "F" clear violet-blue. The best true blue 1,000, $60.00	....	1.25	8.00
	Walhalla. "S" lavender; "F" wine-red. A strong grower and free bloomer 1,000, $30.00	....	.85	5.00
8.3	**White Knight.** Late. "S" and "F" absolutely snow-white without markings, finely formed, delicately sweet-scented, and a very vigorous grower	.50	....	....
	Zephyr. "S" and "F" clear violet-blue, silky sheen	....	.85	6.00
	MIXED 1,000, $15.00	....	....	2.00

VARIOUS IRIS

	SIBIRICA Orientalis. (Yale-blue.) A slender, graceful, tall-growing Iris, with deep blue flowers	....	.85	6.00
	Geo. Wallace. (Azure-blue.) "F" marked white	....	.85	6.00
	Snow Queen. Large, ivory-white	....	.85	6.00
	PUMILA Hybrida. Dwarf variety of German Iris, growing about 8 inches high, very free-blooming, sweet scented. These bloom about two weeks before the German Iris.			
	Cyanea. Rich royal-purple with black shading	....	.65	5.00

Vaughan's Peonies

5 of a Kind at the Ten Rate
25 of a Kind at the 100 Rate

WE have an exceptionally large stock of our own growing, **Strictly true to name,** all in strong divisions, with from 2 to 5 eyes each. Besides these divided roots, we can supply many of the following varieties in plants, two years (5 eyes and up); and three years (5 to 8 eyes and up) from division. These sizes are more suitable for private customers.

The figures preceding the varieties are the rating given to them by the American Peony Society.

WHITE AND LIGHT SORTS

	Each	10	100
8.7 **Avalanche.** Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. A splendid white; crown type; late midseason	$0 50	$4 40	$35 00
8.1 **Couronne d'Or.** Snow-white, yellow reflex, very large. Late; a splendid long distance shipper	35	2 80	25 00
8.1 **Duchess de Nemours.** (Calot). Sulphur-white with greenish reflex, cup-shape 1000, **$180.00**	30	2 20	20 00
7.8 **Duc de Wellington.** Very large, well-formed sulphur-white bloom, stems very firm and long; fragrant	30	2 50	20 00
9.3 **Festiva Maxima.** Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals	30	2 50	20 00
7.5 **La Tulipe.** Delicate blush-white, shading to ivory-white with red tulip markings on the outside of guard petals; semi-rose type; very large; fragrant	30	2 50	20 00
7.9 **Madame de Verneville.** Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies for all purposes 1000, **$180.00**	25	2 20	20 00
8.5 **Marie Lemoine.** Large, compact, pure white, cream-white center, carmine tips. Fragrant; late	40	3 30	30 00
8.3 **Mons. Dupont.** Very large, cup-shaped flower; ivory-white; center petals splashed with carmine. The golden stamens show at the base of the petals; fragrant; a strong grower; very tall; midseason	45	4 00	35 00
6.8 **Queen Victoria.** The best white for general use. A splendid keeper and shipper and for cold storage. Bomb type; early 1000, **$180.00**	25	2 20	20 00

LIGHT AND DARK PINK AND ROSE

7.1 **Alexander Dumas.** Light violet-rose, of medium size. A creamy-white collar of narrow petals mingled with the white outer petals. A fine cut-flower variety and a good producer. Early midseason	30	2 50	20 00
7.7 **Dorchester.** Creamy flesh-color, tinged with pink	30	2 50	20 00
7.6 **Edulis Superba.** Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day	30	2 50	22 00
7.9 **Jeanne d'Arc.** Collar, cream-white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. A vigorous plant; midsummer bloomer; fragrant	30	2 50	20 00
7.7 **Madame Forel.** Immense, compact, ball-shaped bloom. Clear deep rose. Strong stems, very fragrant; late	40	3 50	30 00
8.4 **Marguerite Gerard.** Large, compact, semi-rose developing into a crown with stamens. Very pale hydrangea-pink, fading to nearly white, central petals flecked dark carmine. Free, late	60	5 00	40 00
9.2 **M. Jules Elie.** The best pink	60	5 50	45 00
8.7 **President Taft. (Reine Hortense).** Delicate hydrangea-pink. A vigorous, strong grower and profuse bloomer; midseason	1 00	9 00	80 00
7.4 **Princess Beatrice.** Crown type; flowers large, compact, high crown; guards delicate lilac-rose; collar creamy white; free and fragrant; midseason	25	2 20	20 00
9.8 **Therese.** Violet-rose, changing to lilac-white; midseason	3 00	....	.....
7.8 **Triomphe de l'Exposition de Lille.** Large flower; hydrangea-pink, splashed with darker tints and with white reflex. A splendid sort; late midseason	40	3 50	30 00

RED AND CRIMSON

7.1 **Delachei.** Violet-crimson; large, compact flower; semi-rose type. A good red peony	35	2.80	25.00
8.4 **Felix Crousse.** Best red for florists	45	4 00	35 00
8.8 **Karl Rosenfield.** Very large flower, globular semi-rose type. Extremely vigorous grower; tall and free-flowering. As an early red it has no equal	1 00	9 00	75 00

1. FESTIVA MAXIMA
2. EDULIS SUPERBA
3. M. JULES ELIE
4. FELIX CROUSSE

RED AND CRIMSON—Continued.

	Each	10	100
6.9 **Louis Van Houtte.** Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late	$0 35	$2 80	$25 00
7.5 **Marechal Valliant** (Grandiflora Rubra). Of immense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the largest red	35	2 80	25 00
8.7 **Mary Brand.** Vivid crimson; midseason	2 00	15 00	.....
8.8 **M. Martin Cahuzac.** Medium sized, globular, semi-rose type. Dark purple-garnet with black reflex. The darkest peony known. Strong, vigorous grower; free-bloomer; midseason; 2-eye division	2 50	....	....
Officinalis Rubra Plena. This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut-flower	50	4 50	40 00
8.8 **Richard Carvel.** Very early, deep red. In bloom with Edulis Superba. Fragrant. Ranks with Karl Rosenfield and M. Martin Cahuzac as the three best dark red Peonies	4 50	40 00	300 00

UN-NAMED PEONIES—Divided Roots of from 2 to 5 Eyes

	10	100
Double White and Pink	$2.00	$15.00
Double Red	2.50	20.00
Double Mixed	1.75	12.00

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young and each has 2 to 5 eyes. These cases contain 75 double white, 75 double pink and 50 double red, each color separate—200 roots in all.

Price, per case, $30.00. We cannot divide cases.

☞ **For complete list of Peonies including many of the latest and best novelties and "Japs" see our "Book for Florists," ready by the end of Aug.**

Vaughan's Greenhouse Plants

Prices are F. O. B. Western Springs, Ills., where we ship by Express and C., B. & Q. R. R. All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—3 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we can not entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

HARDY PERENNIALS

	Inch Pot	Each	Doz.	Per 100
ACHILLEA. The Pearl	4	$0.20	$1.50	$10.00
Parkers's Variety. Clear yellow flower heads	3	.20	1.50	10.00
ALYSSUM Saxatile Compactum	3	.20	1.50	10.00
ANTHEMIS Kelwayi. Golden yellow	3	.20	1.50	10.00
AQUILEGIA. Long spurred, mixed	3	.20	1.50	10.00
ARMERIA Laucheana (Thrift Sea Pink)	4	.20	1.50	10.00
ASTER Alpinus. Indispensible for the rockery or edge of borders; grows 6-8 inches high and bears large showy blush-purple flowers in May and June	3	.20	1.50	10.00
Novae Belgiae Climax. Large lavender blue	3	.20	1.50	10.00
Climax White. A pure white	3	.20	1.50	10.00
St. Egwin	3	.20	1.50	10.00
CAMPANULA Calycanthema—				
Blue	4	.20	1.50	10.00
Pink	4	.20	1.50	10.00
White	4	.20	1.50	10.00
Medium (Canterbury Bell)				
Blue	4	.20	1.50	10.00
Pink	4	.20	1.50	10.00
White	4	.20	1.50	10.00
Persicifolia. Mixed	3	.20	1.50	10.00
Trachelium. Heads of lavender blue flowers	3	.20	1.50	10.00
DELPHINIUM Belladonna. Sky-blue	3	.25	2.00	12.00
Bellamosum. Better than Formosum	3	.25	2.00	12.00
Formosum. Deep blue	3	.20	1.50	10.00
Gold Medal. Mixed. 3 to 5 ft	3	.20	1.50	10.00
DIANTHUS. Plumarius Abbotsford	3	.20	1.50	10.00
DIANTHUS BARBATUS. (Sweet William). Assorted colors		.20	1.50	10.00
ECHINACEA Purpurea	3	.20	1.50	10.00
ERIGERON. Amos Perry. Lavender blue	3	.25	2.00	12.00
EUPHORBIA Polychroma. Bears masses of chrome-yellow flowers in early spring	3	.20	1.50	10.00
GAILLARDIA Grandiflora. Shades of red and yellow	3	.20	1.50	10.00
New Hybrids. Large flowers in a great variety of colors	3	.20	1.50	10.00
Semi-Plena. Double row of petals, yellow with red center	3	.20	1.50	10.00
LAVENDULA Vera. True Lavender	3	.20	1.50	10.00
LINUM Austriacum	3	.20	1.50	10.00
LYCHNIS Chalcedonica	3	.20	1.50	10.00
NEPETA Mussini. Light blue. 1 ft	2½	.20	1.50	10.00
POPPY. Iceland. Assorted colors	3	.20	1.50	10.00
PHYSOSTEGIA Virginica Alba	3	.20	1.50	10.00
Virginica. Spikes of delicate pink tubular flowers	3	.20	1.50	10.00

DRACAENA MASSENGEANA

BOSTON FERN

		Each	Doz.	100
PYRETHRUM. Roseum. Single Mixed	3	$0.20	$1.50	$10.00
Uliginosum	3	.20	1.50	10.00
SEDUM. Brilliant	3	.20	1.50	10.00
Acre	3	.20	1.50	10.00
TRADESCANTIA Virginica	3	.20	1.50	10.00
THALICTRUM Dipterocarpum	4	.20	1.50	10.00
Adiantifolium	3	.20	1.50	10.00
VERONICA Spicata	3	.20	1.50	10.00
Amethystina	3	.20	1.50	10.00
Rupestris. A fine rock plant with bright blue flowers	3	.20	1.50	10.00

ASPARAGUS Plumosus Nanus. We are specialists in both seeds and plants of this. Seedlings from flats 1000,	$10.00	...	....	1.50
2¼ inch Per 1000,	$55.00	...	.85	6.00
3 inch		...	1.50	10.00
Sprengerii. 2½ inch		...	.75	5.00
ASPIDISTRA Green. 6 inch	$2.00 to 2.50		....	....
7 inch	$2.50 to 3.00		....	....
CALADIUM Fancy-leaved. 4 inch		.50	5.00	....
5 inch	$1.25 to 1.50		....	....
CYCLAMEN. (In assorted colors). 3 inch		...	3.00	20.00
CROTONS. 4 inch, assorted		.75	7.50	50.00
DRACAENA Massangeana. 6 inch	$2.00 to $2.50		....	....
Terminalis. 4 inch		.65	7.50	50.00
FERNS. Boston. September Delivery. 5 inch		.65	7.50	60.00
6 inch		1.00	10.50	85.00
PANDANUS Veitchii. 4 inch		.65	7.50	50.00
5 inch		1.25	12.00	.....
PEPPER Celestial. 2¼ inch	1000, $45.00	...	.75	5.00
PRIMULA Obconica. Ready July 15th. 2¼ inch,	1000, $75.00	...	1.25	8.00
POINSETTIA. True Christmas red. Ready July 15th	1000, $100.00	...	1.75	12.00
SOLANUM Clevelandii. 2¼ inch	1000, $50.00	...	.85	6.00

ROSES FOR FLORISTS

	2½-inch pots Doz.	2½-inch pots 100	4-inch pots Doz.	4-inch pots 100
Angelus. White with cream-tinted center	....	.....	$3.50	$25.00
Annie Laurie. Double Butterfly with a deeper pink color that gradually fades into a tinge of gold at the base of each petal. It has twice the petalage of its parents and more productive	$2.00	$15.00	3.50	25.00
Cecile Brunner. Rose pink shading to salmon and orange	1.00	7.00	2.50	18.00
Clothilde Soupert. Pearly white changing to rose pink	1.00	7.00	2.50	18.00
Cynthia Ford. Large double rose of deep shining pink	1.20	5.00	3.00	20.00
Gruz an Teplitz. Brilliant red. A prolific bloomer	1.00	7.00	3.00	20.00
Mme. Butterfly. A harmony of bright pink apricot and gold	...	....	3.50	25.00
Radiance. Brilliant rosy-carmine shaded with rich opaline pink tints in the open flower	1.20	8.00	3.00	20.00
Red Radiance. A bright cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent Radiance	1.25	8.00	3.00	20.00
Wm. R. Smith. The flowers are creamy white shaded pink	1.00	7.00	....	.....
Vaughan's White Baby. A pure snow white	1.00	7.00	2.50	18.00

Vaughan's Strain Lilium Harrisii

Edward Boylan examining plant of 8-10 size reselected Harrisii carring 11 flowers.

	PER CASE
5-7 inch, 400 to case	$40.00
6-7 inch, 335 to case	40.00
7-9 inch, 200 to case	42.50
8-10 inch, 150 to case	45.00
9-11 inch, 100 to case	40.00

OUR special strain of Lilium Harrisii are grown especially for us under our own supervision in Bermuda by one of the most reliable growers in that section. Our Edward Boylan has just returned from a visit of these fields and finds that our re-selected strain is really the best that is now being produced on these islands. In one field that contained some 50,000 bulbs he found exactly six plants that were not up to our standard.

The dis-budding scene shows the care taken in the production of healthy and vigorous bulbs. Each year hundreds of thousands of flowers are taken off the flowers after they have fully opened in order to admit light and air to the lower sections of the plants, thereby preventing blight and materially aiding the development of the bulb. We have worked up our strain of Harrisii by continual spraying and rogueing until we now have this strain better than 98% true.

Our Mr. Boylan found numerous fields of other growers in the same and nearby sections which contained a very high percentage of lilies that were not true type. These are known to the growers in Bermuda as Hybrids, and are really a cross between Longiflorum and Harrisii. They grow much shorter and squattier in habit, have broad foliage of the Longiflorum type, are about 10 days to two weeks later in blooming, and carry less flowers per bulb than true Harrisii. This makes them undesirable for early forcing.

Some fields show from forty to sixty per cent of this type. The photograph shows our representative in a field of eight-ten inch size re-selected strain of Harrisii. You will note from this picture the size of the flowers, height of stem, and the healthy and clean growth of the foliage. We have been working on this stock for the past ten years in connection with the Department of Agriculture in Bermuda. Our sales during this period have increased over 100% and we are in possession of highly commendable reports from growers who have tried our re-selected strain.

This field contains 25,000 bulbs size 7-9. Note size of flower and healthy growth.

These bulbs planted early in August can be had in bloom from January on. It makes a highly valuable cut flower for funeral work and other purposes at a time of year when cut flowers are extremely high priced.

Mature flowers are taken from the plants to promote the proper development of the bulbs.

Vaughan's Seed Store:— Grand Rapids, Mich

Your Formosum Lilies are beyond a question the finest bulbs I ever had, and you ought to see the Harrisii Lilies. They are all except four the finest in the city—just think of it only four bulbs that went back on us.

LEWIS KUNST & SON, 1449 Union Ave.

We Save You Time

Freight and Fees

Combining Many Importations into Carload Shipments as stated here.

Let Vaughan's Protect You on Your Fall Bulb Requirements

FOR NEARLY FIFTY years VAUGHAN'S SEED STORE at New York and Chicago has supplied the most critical FLORISTS with forcing bulbs. If you have not placed your ORDER or you have not confirmed your order at stated prices, why not send us your list for pricing. Ask our Regular Customers if they get a SQUARE DEAL from VAUGHAN'S SEED STORE.

1st. WE TAKE this opportune time to remind Florists of a few vital reasons why they should place their orders at this time for their requirements in French, Dutch and Japanese Bulbs and especially with Vaughan's Seed Stores at two of the greatest importing and distributing ports—Chicago and New York.

By placing your orders now (at open prices) it enables us to send to our foreign representatives your order, thus they take advantage of field prices which are invariably lower than at Green Auctions, also helps us to figure more closely our requirements, and with less surplus risk we can make our prices much lower than we can to those who wait until shipping time.

2nd. In buying Hyacinths from us you buy them by measure in "centimeters." This means much, as against those people who sell "Firsts," "Seconds" or "Thirds" and give you no assurance as to what such grades measure.

3rd. Our credit and satisfactory connections with the best foreign houses.

4th. Selling you cases and packing Free F. O. B. New York, Chicago, Seattle and San Francisco. This eliminates all "Special Expenses," "Excess Brokers' Fees" and "Port Charges," in which nearly every U. S. florist-grower has been persistently robbed for years.

5th. Further, you get our forty-nine years of experience of supplying the most critical Florist and Private Trade with forcing bulbs.

Let Your Bulb Cares Be Ours

Hyacinths--Tulips--Narcissus
Freesias--Formosum--Giganteum
Auratum--Rubrum--Album

QUANTITY GROWERS OF GLADIOLUS, CANNAS

BULBS for Mid-Summer and EARLY FALL

FREESIA—IMPROVED PURITY

WHITE CALLAS

Ready in September

(Aethiopica)

These can be grown at less expense during the winter months, requiring less heat than other lilies.

We take great pains in securing every year bulbs which are well ripened and cured, purchasing our stock from growers in California who thoroughly understand the raising, curing and shipping of these bulbs. The serious freeze in California has materially reduced this crop Growers who have used Calla roots with profit should secure this year's supply early.

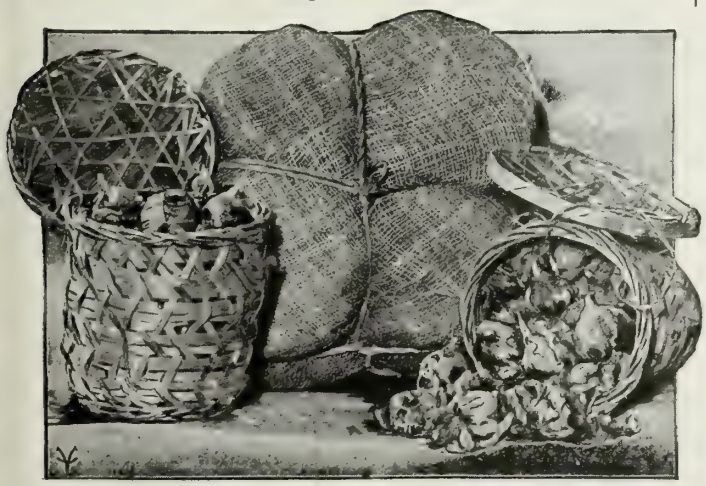
Size	Per 100	Per 1000
1¼-1½ inches	$ 9.00	$ 80.00
1½-1¾ inches	15.00	125.00
1¾ inches and up (scarce)	25.00	.....

GODFREY EVERBLOOMING CALLA

(Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety, as flower is not so heavy and large.

		Per 100
First Size.	1-1¼ inches	$ 12.00
Large Size.	1¼ inch and up	15.00



CHINESE NARCISSUS—Showing Basket of 30 Bulbs and Mat of 4 Baskets.

FREESIAS—California

Ready From end of June on

Our careful survey at this time of the **Freesia Crop** indicates that the bulbs of size five-eights and over will be short. The size one-half to five-eights inch will be more plentiful, so we are able to offer this size at a lower price than ever before. Be careful however not to compare our prices with those who might be offering **"DISCOLORED"** bulbs, they are worthless.

This is one of the most profitable and useful bulbs a florist can grow. Equally good for forcing or for pot plants, and can be had in flower from Christmas on, if properly grown. We always believe in selling this stock by samples, and are ready to submit same for comparison as soon as bulbs arrive. Better order at once.

PURITY (Improved)

		Per 100	Per 1000
Second Size.	7/16-½ inch	$1.00	$ 6.00
First Size.	½-⅝ inch	1.50	9.00
Mammoth Size.	⅝-¾ inch (scarce)	2.50	18.00
Jumbo Size.	¾ inch and up (scarce)	3.50	30.00

NEW NAMED COLORED FREESIAS

After many years devoted to crossing and hybridizing by an eminent grower, we are now able to offer these popular bulbs in the following distinct colors.

	100	1000
Aurora. A large flowering yellow suffused with orange. A variety which has many admirers	$4.00	$35.00
California. A large flower of a bright golden yellow, strong grower long stems	4.00	35.00
Carmencita. Light orange-salmon	4.00	35.00
Carrie Budau. Lavender-pink, larger flowers than General Pershing	4.50	38.00
General Pershing. Lavender-pink, yellow lip somewhat of a bronze cast	2.50	22.50
Ilena. Deep rosy-lavender with white throat, deep orange blotch on lower petal, good stiff stems	4.50	40.00
June Michelsen. Large flowering deep rose-pink with blush throat, one of the best	5.50	45.00
Olivette. Bright carmine-red with light yellow throat, very profuse bloomer	4.50	38.00
Yellow Prince. Choice Yellow	4.00	35.00
Rainbow Mixed. (Our own mixture)	2.50	20.00

MENDOTA (1925 Introduction)

New Giant Yellow "Freesia Par Perfection." Splendid clear color, extra strong vigorous growth, long sturdy stems, making it a valuable cut-flower. A duplicate of General Pershing in growth.
Per 100, **$5.50**; per 1000, **$50.00.**

MRS. MARC PETER (1925 Introduction)

A very attractive Freesia. Deep rosy salmon with lower petals blotched orange and yellow. Flowers are of good size, open up well and is a good keeper. Very popular variety on the Chicago Market.
Per 100, **$5.50**; per 1000, **$50.00.**

CHINESE NARCISSUS

AMOY (CHINA) GROWN This is undoubtedly one of the best selling bulbs for the retail counter trade, flowering in water and gravel in three to five weeks from the time of planting.

(Ready about September 1)

Select Size. Per basket 30 Bulbs, **$2.00.**
Per 1000, **$55.00.** Per Mat 120 Bulbs, **$7.25.**
Mammoth Size. Per basket 30 Bulbs, **$2.50.**
Per 1000. **$75.00.** Per Mat 120 Bulbs, **$9.50.**

IRIS

Filifolia "Imperator." Brilliant Blue. Large flowers on long stems. Per 100, **$7.00**; per 1000, **$65.00.**
Spanish. Named varieties. Per 100, **$4.00**; per 1000, **$35.00.**
Tingitana. Lilac-purple. Per 100, **$8.00**; per 1000, **$75.00.**

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water a few hours before planting. Set 6 inches apart about 2 inches deep. Sunny location, plenty of moisture. **Mixed,** per 100, **$4.00**; per 1000, **$35.00.**

RANUNCULUS

A florist's favorite when same becomes known. Bulbs are claw-like shaped and should be planted with claws downward two inches deep and six inches apart. Ordinary garden soil is satisfactory. Soak bulbs same as Anemones. **Mixed,** per 100, **$4.00**; per 1000, **$35.00.**

Gladiolus Growing on Vaughan's Farms

IF ANY evidence were needed that bulb culture in the United States needs no pseudo-quarantine or any other protective measure to foster it, provided soil and climatic are favorable, that evidence is to be found in Vaughan's Farms at Ovid, Michigan.

The gladiolus is not a native of this country. It is found wild chiefly in South Africa. Its commercial production originated in Belgium; and it was not until late in the last century that Americans began to grow it. From the beginning, a liking for the soil and climate of our country was evidenced by this splendid flower.

Planted even in gardens, the gladiolus will multiply. It seems to enjoy our hot summer, and its bulb grows plump in the cool weather of our long autumns. Even the chill of the first frosts is beneficial to it. Being thus friendly to American environment, the gladiolus has found America friendly to it, and since 1882, when its commercial culture began here, there has been built up a bulb production which, in number of bulbs produced, and the number of varieties developed, may be compared, without apology, to the bulb industries of Europe, so many centuries older.

In growing technique, the propagation of bulbs and their proper storage to preserve forcing qualities, and keep varieties separate, American growers, without copying foreign methods in any particular, are certainly as successful. And without the perhaps cheaper, certainly less skilled labor, of the European growers, we have held down production costs until we are able to defy foreign competition in gladiolus production, whether there be a quarantine, or a tariff or neither.

Vaughan's Seed Store a Pioneer

IN ORIGINATING new varieties, and thus constantly improving the material we offer to our customers, American gladiolus growers are certainly as progressive as the bulb growers of other countries. It is a matter of pride to Vaughan's Seed Store that the late Mr. J. C. Vaughan, founder of this business, was one of the first American seedsmen to recognize the possibilities of the gladiolus as a florist's flower; and that one of his early introductions was Gladiolus Princeps, Dr. W. Van Fleet's epochal forerunner of the giant-flowering types. Since then Vaughan's has introduced many of the finest varieties now on the commercial florist's list of good varieties, including: Mrs. Frances King, Chicago White, Chicago Salmon, "Primulinus Sunbeam," Martha Washington, Vaughan's White, Mary Alice White, and many others.

It is not the custom of Vaughan's Seed Store, however, to limit its list to introductions of its own. Since its establishment in 1876 this house has been known as the source of everything a florist might need. It has become a maxim of the trade that: **"You can always get it at Vaughan's."** We have therefore sought the world over for gladioli of merit as florists' flowers, and wherever one has appeared it has been added to our list. Thus we are able to offer you the best of the world's gladioli whether of American or foreign introduction; and you may depend upon the information we supply as to the merits of a variety for your purpose. There is no gamble, in buying gladioli from Vaughan's.

Good Forcing Varieties

THE following varieties might be used for indoor growing, provided you do not give them more than carnation temperature:

America
Augusta
Brenchleyensis
Chicago Salmon
Chicago White
E. Kirtland
E. J. Shaylor
Early Sunrise
Flora
Halley
Herada
Le Marechal Foch
L' Immaculee
Mary Alice White
Mrs. Dr. Norton
Mrs. Frances King
Mrs. Frank Pendleton
Myrtle
Margaret
Panama
Peace
Pr. Alice Tiplady
Pr. Maiden Blush
Prince of Wales
1910 Rose
Schwaben
Sunbeam
Shiawassee
Vaughan's White
Wilbrink

In our prosperous country there is only one way to keep costs down; that is by quantity production. Cheap labor is a thing of the past; cheap land is not likely to be the best for one's purpose; and skimping on fertilizer, or any of the laborious details needed for production of the finest bulbs possible each season, is never countenanced at Vaughan's. But cost reduction by means of good management, sound and thorough planning, the use of machinery, and studied methods of efficient operation, are sought continually.

Operations at Ovid

HERE in the northern half of Michigan we have 700 acres of land of the sort of soil characteristic of this region; a light, well drained loam, deep and friable. Experience as well as theory agree that such soil is the proper sort for bulb production. There is merit also in the climate of this region. Far enough north so that summers are not the parching sort that some regions know, it has a dependable rainfall; and protection by inland oceans to the east, west and north, from frigid winds which bring unseasonable changes. The summer days are long, and the autumns are mild with frosts usually late. All these conditions have their influence in producing bulbs of the sort that Vaughan's Seed Store sells, which can be told at a glance from those produced in less favorable places.

This year 175 acres have been planted to gladioli of 2,000 varieties. These include many seedlings, which are being grown on the chance that among them new varieties of merit may appear. The bulk of the plantings are to 100 commercial varieties.

Fields of 5 to 40 acres in extent are used for gladiolus growing. This permits the highest development of machine production methods. Only hand weeding, rogueing, and the cutting of flowers are done by hand labor, since these operations cannot be performed by machines. All other work, preparing the soil, planting, cultivating and harvesting is done by horse and tractor labor. Four special planters, drawn by horses, permit the bulbs to be planted without delay at the most favorable season.

Gathering, grading, curing and storing the bulbs is accomplished by carefully worked out methods, which preserve bulbs of the 2,000 varieties without mixture, and send them to their trays in the especially designed storage warehouses in the finest condition to withstand the winter. Many of the methods used are carefully guarded trade secrets, the product of this firm's long experience in bulb production.

Marketing Cut Flowers

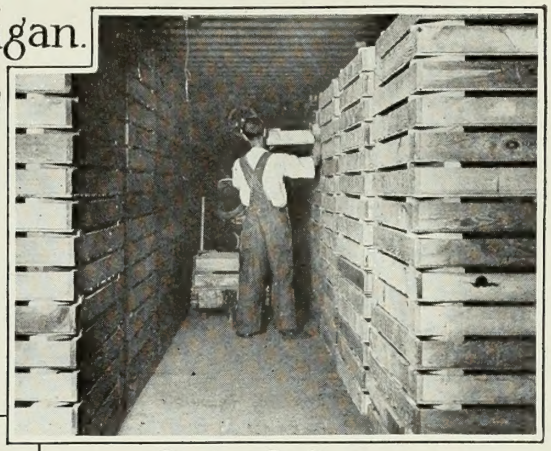
FLOWERS are cut from all bulbs grown, for the benefit of the bulb. It is distinctly detrimental to a bulb to allow seed to mature on its flower stalk. The expense of cutting even imperfect and faded flowers is amply repaid by the plumpness and vigor which this operation imparts to the bulb. Many of the flowers are marketed, as the income from the sale of flowers is a most important factor in production costs, and helps keep down the price of bulbs. The flowers are shipped to central markets. Between four and five thousand hampers of blooms were shipped last year. This year a new packing house 30x100 feet has been erected to facilitate packing and shipping.

The Manager of the Farms

H. C. OVEN, an agricultural college graduate, is the manager of farm operations, which include the growing of beans, corn, clover, cucumber, melon, and many other seeds, as well as the maintenance of trial grounds, and the production of dahlias and gladioli. Harry is a modest chap, who has grown more gladioli, it may be, than any other man in the world, and knows more about growing them than any man we know about. He not only grows them, he loves them; and he is not only an expert manager, but a plant breeder as well. You see him on the opposite page, bent over, crossing two varieties to produce a hybrid, which may become a world beater.

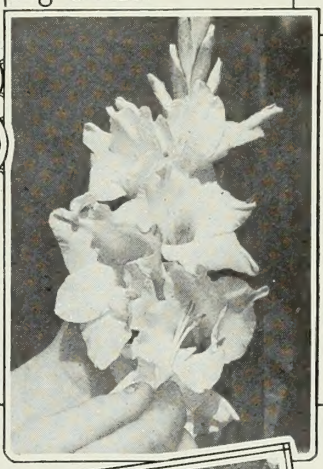
Scenes on Vaughan's Gladiolus Farms at Ovid, Michigan.

Acres of "Glads" in Bloom

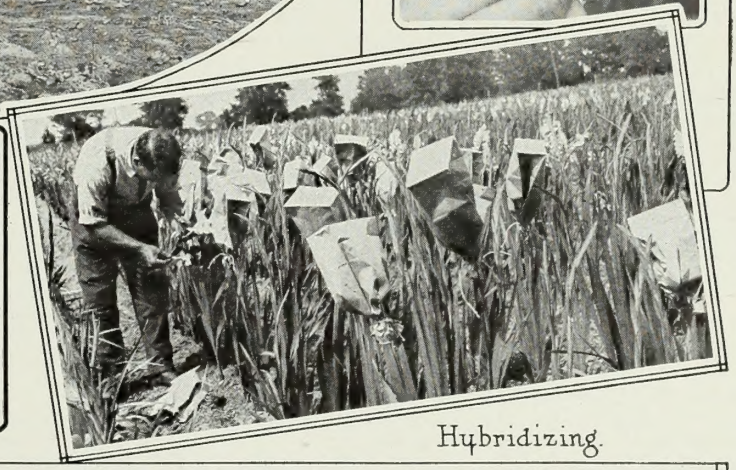


Drying Bulbs.

Pile of Gladioli and Pickers.



Cutting Blooms to give Strength to Bulbs.



Hybridizing.

Rogueing

Vaughan's Vegetable Seeds FOR FALL HARVEST

ASPARAGUS SEED

	Oz.	¼ Lb.	Lb.
Bonvallet's Giant—A vigorous, rust resistant strain	$0.15	$0.30	$ 1.00
Washington Rust Proof—grown by ourselves from U. S. Government seed	.25	.85	2.50
Martha Washington—A super-resistant stock	.35	1.00	3.50
Mary Washington—Extra large and strong	.40	1.40	5.00

BUSH BEANS—GREEN POD

	2 Lbs.	15 Lbs.	100
Longfellow—Round pods, brittle, 7-8 inches long	Qt. .65	Pk. 3.40	Lbs. 22.00
Black Valentine—Will stand light frosts	.45	2.50	16.00
Extra Early Refugee—Two weeks earlier than Refugee	.50	2.65	17.00
Refugee or 1000 to 1—Produces remarkably large crops	.50	2.80	18.00
Giant Stringless Green Pod—Large, tender pods	.70	3.90	25.00
Stringless Green Pod—The leader in green pods	.70	3.80	23.00

WAX BEANS

Wardwell's Kidney Wax—Round pod, fine flavor	.70	3.90	25.00
Davis Kidney Wax—Handsome pods, 7 inches long	.70	3.90	25.00
Hodson Wax—Best yielder of garden varieties	.70	3.90	25.00
Pencil Pod Black Wax—Excellent quality, round pods	.70	3.90	25.00
Prolific Black Wax—Very early and prolific	.65	3.40	22.00

BUSH LIMA BEANS

	2 Lbs.	10 lbs.	100 Lbs.
Burpee's Improved Bush Lima—Large pods and beans	$0.80	$3.25	$30.00
Fordhook Bush Lima—Highest quality	.85	3.75	35.00

POLE LIMA

King of the Garden—Long season, large yield	.70	2.65	24.00
Carpinteria—Large green beans of highest quality	.70	2.75	25.00

POLE BEANS—GREEN POD

	2 Lbs.	15 Lbs.	100 Lbs.
Kentucky Wonder-Best for Northern planting	$0.50	$3.10	$20.00
Burger's Stringless—Small white beans, long season	.70	3.90	25.00
Golden Cluster Wax—Fine quality, stringless	.80	4.75	30.00

BEET

	¼ Lb.	1 Lb.
Crosby's Egyptian—(Vaughan's Selected Stock)	$0.40	$ 1.25
(Standard Stock)	.20	.70
Detroit Dark Red—(Vaughan's Selected Stock)	.35	1.15
(Standard Stock)	.25	.75

SWISS CHARD

	Oz.	¼ Lb.	Lb.
Lucullus—Moss curled, large midrib	$0.10	$0.25	$0.75

CABBAGE

	Oz.	2 Oz.	¼ Lb.	Lb.
Pe Tsai—Finest strain of celery cabbage for fall salads	$0.40	$0.75	$1.40	$ 5.00
Early All Head or Faultless—Unsurpassed table quality	.25	.40	.75	2.50
Premium Flat Dutch—Best of flat heads	.25	.40	.75	2.50
Danish Ballhead (Tall)—The Winter keeper	.25	.45	.85	3.00
Dutch Winter or Hollander—A good keeper	.25	.40	.75	2.50
Bugner Yellows Resistant—Bred near Chicago	1.00	2.00	4.00	15.00
Dwarf Amager Danish Short Stem	.25	.45	.85	3.00
Wisconsin No. 8 Yellows Resistant	1.00	2.00	4.00	15.00
Mammoth Rock Red—Sure header, good color	.30	.55	1.00	3.50
Marvin's Savoy—An excellent variety of this type	.25	.40	.75	2.50

CHICORY

	Oz.	¼ Lb.	Lb.
Witloof or French Endive—Fancy, for forcing roots	$0.25	$0.75	$ 2.50

COLLARDS

Cabbage Greens—For Southern growing	$0.15	$0.40	$1.25

SWEET CORN

	2 Lbs.	10 Lbs.	100 Lbs.
Golden Bantam—Michigan grown, selected	$0.50	$2.20	$20.00
Bantam Evergreen—Large sweet golden ear	.50	2.20	20.00
Early Champion—Second early, 12 row ear	.50	2.20	20.00
Kendel's Giant—Early, large ear	.50	2.20	20.00
Howling Mob—Large eared fine second early	.50	2.20	20.00
Country Gentleman—Shoe-peg type, very sweet	.80	3.00	28.00
Stowell's Evergreen—Standard main crop	.70	2.75	25.00

CORN SALAD

	Oz.	¼ Lb.	Lb.
A hardy winter salad much used instead of lettuce	$0.15	$0.35	$1.20

CUCUMBER

Westerfield's Chicago Pickle—Good shape	.15	.40	1.25
Improved Long Green—12 inch salad fruits	.15	.45	1.50
Early Fortune—Medium length, fine quality	.15	.45	1.50
Extra Long White Spine—Early, prolific, 8-12 in.	.15	.40	1.25

ENDIVE

Green Curled Summer—Fine for fall salad	.15	.45	1.50
Broad Leaved White—Slightly curled	.15	.45	1.50

LETTUCE

Black Seeded Simpson Leaf—(Selected Stock)	.15	.50	1.75
Black Seeded Simpson Leaf—(Standard)	.15	.45	1.50
Vaughan's All Seasons—A butter-head	.20	.60	2.00
Paris White Cos—The Romaine type	.20	.60	2.00

MUSTARD

Giant Southern Curled—Large leaves	.10	.30	1.00
Improved Ostrich Plume (Fordhook Fancy)	.10	.30	1.00

MUSHROOM SPAWN

	1 Brick	5 Bricks	10 Bricks	25 Bricks	100 Bricks
Lambert's New Spore Culture	$0.35	$1.50	$2.50	$5.50	$19.00
	1 Brick	2 Bricks	8 Bricks	25 Lbs.	100 Lbs.
Vaughan's English	$0.25	$0.40	$1.40	$3.25	$12.00

If from New York $11.50 per 100 lbs.

RADISH

	Oz.	¼ Lb.	1 Lb.
Improved Scarlet Globe—Select	$0.10	$0.30	$1.00
Improved Scarlet Globe—Standard	.10	.25	.75
Icicle—Best of the summer sorts	.10	.25	.75
Stuttgart—A turnip shaped summer white	.10	.25	.75
Scarlet Turnip White Tip—Selected Stock "Sparkler" Strain	.10	.25	.70
Scarlet Turnip White Tip—Standard	.10	.20	.60
Winter Sorts			
Long White Spanish	.10	.30	1.00
Half Long Black Winter	.10	.30	1.00
Round Black Spanish	.10	.30	1.00
Chinese Mammoth or Celestial	.10	.30	1.00
Rose or Scarlet China	.10	.30	1.00

SPINACH

	¼ Lb.	1 Lb.	25 Lbs. and over Per Lb.
Prickly Seeded—Sown in fall for late crop	$0.10	$0.25	$0.20
Bloomsdale—Very hardy, Savoy type	.15	.30	.25
Antvorskov (King of Denmark)—Long standing	.20	.60	.50
New Zealand—Supplies greens all summer	.25	.75	

ONION

	Oz.	¼ Lb.	Lb.
White Welsh—Best for green onions	$0.25	$0.75	$2.50

TURNIP

Purple Top Strap Leaf—Tender, medium size	.10	.20	.60
Early White Milan—Earliest for spring or fall	.10	.30	1.00
Early Purple Milan—Excellent medium size	.10	.30	1.00
Purple Top White Globe—Good size and quality	.10	.25	.75
White Egg—For stock, sweet and firm	.10	.20	.65
Seven Top—Grown for its tops for greens	.10	.30	1.00

RUTABAGA

Vaughan's American Purple Top Improved	.10	.25	.70
Bangholm—Excellent for table use	.10	.25	.70
Monarch—Stock crop, heavy yielder	.10	.25	.70

WINTER ONION SETS

	½ Pk.	Peck	Bu.
Perennial Top—Sow in fall for spring crop	$0.55	$1.00	$3.50

SPHAGNUM MOSS

Bright, Clean, New Growth, free fom Brush or Grass

THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

For carloads write us.

BURLAPPED BALES. (45x14x16 inches) **F. O. B. Wisconsin Points. 10 bale lots per bale, $1.60; 25 bale lots per bale, $1.35. Write for price on moss in large quantities F. O. B. Woods.**

BURLAPPED BALES. (Size as above) **F. O. B. CHICAGO. Single bale, $1.75; 5 bales, $8.50; 10 bales, $16.00. Write for price on larger quantities.**

New York Prices, 35 cents per bale higher. Cartage free.

MASTICA, For Glazing Greenhouses

The use of "Mastica" avoids the necessity of repeatedly re-glazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., $2.40; 5 gals., $11.75; 10 gals., $22.50.

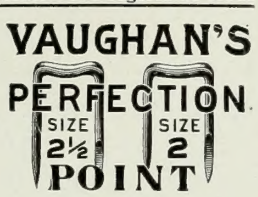
VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run, and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. Bbl., 50 to 60 gals., per gal., $1.00; ½ bbl., 30 to 40 gals., per gal., $1.05; keg, 20 gals., per gal., $1.10; pail, 10 gals., per gal., $1.20; pail, 5 gals., per gal., $1.30; can, 1 gal., $1.50.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $1.25; 3 for $3.60; doz. $10.50; in three doz. lots, doz., $10.00; in six doz. lots, doz., $9.25. If by mail, (weight under 1 lb.)

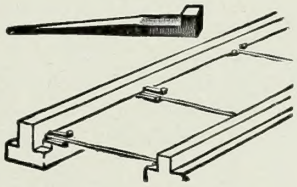
GLAZING POINTS, Vaughan's Perfection—No rights or lefts

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. **Price**, per lb. (abt. 900) 60c; in lots of 5 lbs, 55c per lb; No. 2½ per lb. (abt. 800) 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.



SIEBERT'S IMPROVED



Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅞-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of ⅝; over 1,000 points in 1-lb. pkg. of ⅞.

Price: Per lb., 55c; 5 lbs., $2.50; 20 lbs., $9.00.

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, $1.45; 500 for $5.15; per 1000, $9.00 (If shipped from New York), per 100, $1.70; 500 or $6.00, per 1000, $10.75. Special price on larger lots on application.

Japanese Bamboo Stakes, Plain and Green Painted.

	Per 100	Per 1000		Per 100	Per 1000
1½ feet	$0.60	$3.00	3 feet	$1.00	$ 5.50
2 feet	.75	3.75	3½ feet	1.10	6.25
2½ feet	.90	4.50	4 feet	1.25	7.00
Natural. 6 ft.	1.50	12.00	Write for price in bale lots.		

Wooden, Green. Handsome and convenient for Gladiolus, etc.

	Per 100		Per 100
Light, 1½ feet	$2.10	Light, 4 feet	$ 9.40
Light, 2 feet	3.25	Light, 5 feet	12.00
Light, 2½ feet	4.75	Heavy, 3 feet	9.50
Light, 3 feet	6.00	Heavy, 4 feet	13.00
Light, 3½ feet	7.75	Heavy, 5 feet	16.00

Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.

No. of Gauge, No. 9 Wire	100	1000	No. 8 Wire	100	1000
1½ feet	$0.80	$ 5.75	3½ feet	$1.90	$15.60
2 feet	1.00	7.45	4 feet	2.15	17.60
2½ feet	1.20	9.50	5 feet	2.50	22.00
3 feet	1.40	11.25	6 feet	2.95	26.25

WIRE. (Prices subject to change.)

Bright Annealed.

	Per lb.	6 lbs.	12 lbs.		Per lb.	6 lbs.	12 lbs.
No. 18	$0.25	$0.75	$1.20	No. 26	$0.30	$1.30	$1.90
No. 20	.25	.85	1.35	No. 28	.35	1.40	2.15
No. 22	.25	1.00	1.50	No. 36	.65	2.50	3.75
No. 24	.30	1.15	1.70				

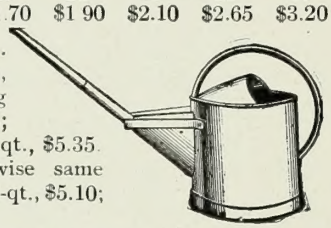
FLORISTS' CUT WIRE

Clean, extra soft white wire, cut in 12 or 18 inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price	$1.50	$1.70	$1.90	$2.10	$2.65	$3.20

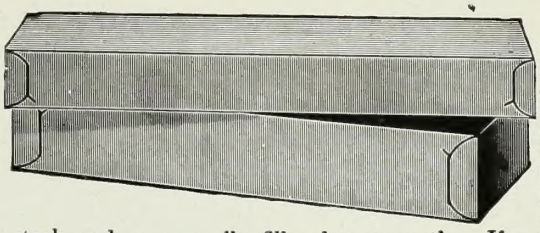
WATERING POTS. **American.** Heavy galvanized round can, 2 copper-faced roses, long spouts. 4-qt., $3.85; 6-qt. $4.35; 8-qt., $4.50; 10-qt., $4.85; 12-qt., $5.35.

French Style. Oval, otherwise same make as above. 6-qt., $4.75; 8-qt., $5.10; 10-qt., $5.60; 12-qt., $6.25.



CUT-FLOWER BOXES.

All sizes packed 100 covers per bundle and 100 bottoms per bundle.



F. O. B. Chicago only. Printing $3.75 extra. In gold $7.50 extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete stock and can usually fill orders promptly. If required printed, usually means delay of about ten to twelve days.

Prices subject to change without notice owingto market conditions.

VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight Per 100	Per 100	Size in inches	Weight Per 100	Per 100
3 x18x5	35 lbs.	$4.20	4x24x 8	70 lbs.	$ 7.50
3 x21x5	40 lbs.	4.60	5x28x 8	90 lbs.	9.00
3½x24x5	50 lbs.	5.50	5x36x 8	125 lbs.	11.25
3½x30x5	65 lbs.	6.50	6x40x10	165 lbs.	17.95

FLOWER BOXES—FLORAL DESIGN.

No. 26. 7x30x12, **$18.25;** No. 27. 8x20x20, **$20.50;** No. 29. 8x24x24, **$24.50.**

CHIFFON, all shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 6½c; 6-inch. per yard, 7½c.

Valley Pattern Chiffon. Pink and white, 6-inch, per yard, 9c.

Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 8c; 6-inch, per yard, 9c;

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., $6.50.

Corsage Pins, 4-inch; assorted colors. Per gross, $2.00.

Corsage Ties (Cord and Tassels). Per doz., 60c; per gross, $6.00.

TISSUE, American Beauty 24x36 inches, f. o. b. New York, ream (480 sheets), $1.65; 10 reams (4800 sheets), $15.00; f.o.b. Chicago, ream (400 sheets), $1.40; 10 reams (4000 sheets), $13.00.

TIN FOIL. Price subject to change without notice. Terms cash.

Florists' Foil. 5, 6 or 7 inch, 1 lb., 20c; 10 lbs., $1.85; 25 lbs., $4.50; 50 lbs., $8.00; 100 lbs., $14.00.

Violet or Green Foil. Per lb., 45c; 10 lbs., $3.80; 25 lbs., $8.75.

Galv. Vase

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter Top	Diameter Bot.	Ht.	Price Per Doz.	Style	Diameter Top	Diameter Bot.	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	$4 50	65	7½ in.	6½ in.	8 in.	$4 80
255	6½ in.	5¼ in.	12 in.	6 40	66	9 in.	7½ in.	10 in.	5 75
257	6½ in.	5¼ in.	15 in.	7 20	68	9 in.	7½ in.	12½ in.	9 00
57	5 in.	3½ in.	5 in.	2 75	69	9 in.	7½ in.	18 in.	11 40
59	6½ in.	5½ in.	7 in.	4 20	70	9 in.	7½ in.	24 in.	12 00

HOSE, ELECTRIC NON-KINKABLE GUARANTEED

A brand of hose, manufactured especialy for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in bales of 500 feet; order exact number of feet you require. We can cut any length. **Guaranteed for 1 year.**

Price ¾ or ½ inch; coupling free; sample mailed free if desired.

1 to 24 feet	per ft. **21c**	50 to 99 feet	per ft. **19c**
25 to 49 feet	per ft. **20c**	100 to 400	per ft. **18c**

In bales of 500 feet, per ft., **17c.**

Insect Destroyers

Unmailable—Insecticides containing Poison CANNOT be Sent by Mail—only by Express.

NIKOTEEN. 30%. ½ pt., $1.10; pt., $2.00; 3 pts., $5.75. Per original case, 10 pts. $18.00.

NIKOTEEN. 40%. 4 lbs., $8.00; 8 lbs., $15.00.

HALL'S NICOTINE FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 2½-lb. tin, $2.50; 10-lb, tin, $8.50.

NICO-FUME LIQUID. For fumigating or spraying, contains 40 per cent nicotine, ¼ lb. 75c; 1 lb. $2.25; 4 lbs. $8.00; 8 lbs. $15.00.

"NICO-FUME." A tobacco Paper for Fumigating. Strips of paper strongly saturated with nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. **Price 24 sheets $1.25; 144 sheets $5.50; 288 sheets, $10.00.** Prices subject to change.

TOBACCO DUST, (Regular Grade). 5 lbs., 35c; 10 lbs., 60c; 100 lbs., $4.00.

TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply.

100 lbs.	$ 2.25
500 lbs.	9.00
1000 lbs.	17.50

VERMINE. For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint, **65c;** qt., **$1.00;** gal., **$3.00.**

APHINE. 1 pt., 65c; 1 qt., $1.00; 1 gal., $3.00.

APHIS PUNK. Special preparation of nicotine for killing insects Per pkg., 12 sheets, 75c; 1 case, 12 pkgs., $8.50.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 35c; 5 lbs., $1.50; 25-lb. kegs, $5.25.

CYANOGAS CALCIUM CYANIDE. A Safe greenhouse fumigator and control for crop destroying rodents. Lb., 75c; 5 lbs., $2.50. Write for leaflet and advise if wanted for fumigating or ground rodents.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., $1.25.

FLOWERS OF SULPHUR. Lb., 12c; 10 lbs., $1.00; 50 lbs., $3.50; 100 lbs., $6.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. Pint, 65c; 1 qt., $1.25; 1 gal., $3.00.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 5 lbs., 95c; 10 lbs., $1.80.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; 5 lbs., $2.75; 10 lbs., $5.00.

LIME SULPHUR. The best remedy for San Jose scale. One gallon makes ten. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Per qt. can, 40c; 1 gal., $1.00; 5-gal. can, $4.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 35c; pt. 60c; qt., $1.00; ½ gal., $1.75; gal., $3.00; 5 gals., $12.00.

MELROSINE. Is certain death to Rose bugs. One pint will make three gallons of spray solution. Trial size, 50c; pint, $1.00; quart, $1.75; half gal., $3.25; gal., $6.00.

PARIS GREEN. A poisonous insecticide in powder form, for insects which chew. When applied as a powder use one part Paris Green to 100 parts plaster or flour. As a liquid one pound of Paris Green in 150 to 300 gallons water; if used on fruit trees add one pound quick-lime.
½ lb., 35c; per lb., 60c; 5 lbs., $2.75; 14 lbs., $7.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 60c; gal. $1.40; 5 gals., $6.25; 10 gals., $10.60.

SLUG SHOT, Hammond's. Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb., 20c; 5 lb. package, 60c; 25 to 50 lbs., at 10½c lb. Per keg 125 lbs., $12.00; barrel, 250 lbs. in bulk, $23.00. **Slug Shot Duster.** Large size, 60c.

SULPHO-TOBACCO SOAP. One of the best remedies for green-fly on roses. Per ½-lb. box, 25c; by mail, 30c. Doz., $2.50; 3-oz. package, each, 15c; doz., $1.25.

THRIP JUICE. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., $1.10; gal., $3.25.

X. L. ALL-LIQUID INSECTICIDE. English preparation, purely nicotine. A spray for white fly, mealy bug, red spider, etc. Price, ½ gal., $3.25; 1 gal., $6.00

VAUGHAN'S HIGH GRADE FERTILIZERS

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.—See Note.

Note—These prices are f. o. b. Chicago—except on Clay's Fertilizer, Nitrate of Soda, Horn Shavings, Scotch Soot and Guano. See special price sheet for prices F. O. B. New York.

ACID PHOSPHATE, 16% available. 100 lbs., $2.25, 500 lbs., $8.45; 1000 lbs., $14.90; 2000 lbs., $29.00.

BONE MEAL, Vaughan's Rose Grower

We have built an enormous trade in this brand with our florist customers. The bone has been steamed so that it is much quicker in action than the untreated stock. Analysis—Ammonia 4½ per cent; total phosphoric acid, 22 per cent; total bone phosphate, 48%. Price, 5 lbs., 45c, 10 lbs., 80c; 25 lbs., $1.55; 50 lbs., $2.30; 100 lbs., $3.60; 500 lbs., $15.95; 1000 lbs., $29.50; 2000 lbs., $58.00.

BONE MEAL. Regular or Standard Grade. Not steam treated. Price, 25 lbs., $1.30; 50 lbs., $1.75; 100 lbs., $3.25; 250 lbs., $7.55; 500 lbs., $13.75; 1000 lbs., $25.30; 2000 lbs., $49.25.

BONE AND BLOOD. Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. Price, 25 lbs., $1.35; 50 lbs., $2.00; 100 lbs., $2.95; 500 lbs., $12.25; 1000 lbs., $22.40; 2000 lbs., $43.75.

BONE, BLOOD AND POTASH. Fertilizer Mixture (analysis 5-8-7%). Can be applied as a liquid manure, using 8-inch potful to barrel of water. Price, 25 lbs., $1.35; 50 lbs., $2.15; 100 lbs., $3.35; 500 lbs., $13.85.

DRIED BLOOD. For top dressing, for mixing with the soil and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. Price, 5 lbs., 65c; 10 lbs., $1.15; 25 lbs., $1.95; 50 lbs., $3.45; 100 lbs., $6.10; 250 lbs., $13.75; 500 lbs., $26.50.

VAUGHAN'S 4-8-6 FERTILIZER MIXTURE. Price, 25 lbs., $1.30; 50 lbs., $2.00; 100 lbs., $3.00; 250 lbs., $7.00; 500 lbs., $12.75; 1000 lbs., $23.50; 2000 lbs , $46.00.

SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely ground, put up in 100-pound sacks. Our supply is of uniform quality, saved under shelter and not leached. Our customers using it may, therefore, be certain of uniform results. The manure we supply is not adulterated, nor has it lost its strength in any way. (Prices subject to market change.) Price, 25 lbs., $1.15; 50 lbs., $1.65; 100 lbs., $2.65; 500 lbs., $10.00; 1000 lbs., $17.00; 2000 lbs., $33.50

CATTLE MANURE, Shredded. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings, giving it an even quality. The easy way of handling the manure, not a pound being wasted, makes it cheaper than the rough manure. Price, 100 lbs., $2.45; 500 lbs., $9.85; 1000 lbs., $16.50; 2000 lbs., $32.00.

VAUGHAN'S LAWN AND GARDEN FERTILIZER 3-12-4. Does the work of twenty times its weight of farmyard manure, and does it better, more quickly and cheaper and lasts longer. Sterilized. Contains no weed seeds. Easily applied. Put up in neat packages and bags. Price, 25 lbs., $1.40; 50 lbs., $2.15; 100 lbs., $3.20; 500 lbs., $12.25; 1000 lbs., $23.75; 2000 lbs., $46.00.

NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manures, but the cheapest and best form in which to apply Nitrogen to plants. Price, 10 lbs., 85c; 25 lbs., $1.85; 100 lbs., $6.20; 500 lbs., $23.50; 1000 lbs., $43.75; 2000 lbs., $86.95.

CLAY'S FERTILIZER. Imported. Price, 28 lbs., $4.00; 56 lbs., $7.00; 112 lbs., $12.50.

ICHTHEMIC GUANO. Imported. Price, 28 lbs., $2.85; 56 lbs., $5.00; 112 lbs., $9.25.

SCOTCH SOOT (Genuine Imported). Price, 25 lbs., $1.95; 50 lbs., $3.40; 100 lbs., $6.35.

HORN SHAVINGS. Quick acting and lasting. Price, 5 lbs., 85c; 10 lbs., $1.45; 25 lbs., $2.35; 50 lbs., $4.15; 100 lbs., $6.95.

NOTE—Owing to the delays and uncertainties of Imported Fertilizers, we cannot guarantee deliveries, nor can we be held responsible for loss in weight due to evaporation in transit. We deliver in original bags as received. Prices subject to market fluctuations.